

progress happens together  
**abcam**

SUMMER PROMOTION

抗體系列

# 清單內品項6折

5.9  → 6.30 

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線上特惠清單



Abcam  
限時特惠總覽





## Cancer

| Cat no   | Product                                              | Host | Clonal | Size   |
|----------|------------------------------------------------------|------|--------|--------|
| ab182981 | Anti- <b>CD31</b> antibody [EPR17259]                | Rb   | Mono   | 100 ul |
| ab26     | Anti- <b>p53</b> antibody [PAb 240]                  | Ms   | Mono   | 100 ug |
| ab1101   | Anti- <b>p53</b> antibody [DO-1]                     | Ms   | Mono   | 100 ug |
| ab32389  | Anti- <b>p53</b> antibody [E26]                      | Rb   | Mono   | 100 ul |
| ab183544 | Anti- <b>p53 (acetyl K370)</b> antibody [EPR17496]   | Rb   | Mono   | 100 ul |
| ab75754  | Anti- <b>p53 (acetyl K382)</b> antibody [EPR358(2)]  | Rb   | Mono   | 100 ul |
| ab32072  | Anti- <b>c-Myc</b> antibody [Y69]                    | Rb   | Mono   | 100 ul |
| ab185656 | Anti- <b>c-Myc (phospho S62)</b> antibody [EPR17924] | Rb   | Mono   | 100 ul |
| ab134182 | Anti- <b>ErbB2 / HER2</b> antibody [EP1045Y]         | Rb   | Mono   | 100 ul |
| ab203085 | Anti- <b>Hsp90 beta</b> antibody [EPR16621]          | Rb   | Mono   | 100 ul |
| ab40777  | Anti- <b>IRS1+IRS2</b> antibody [EP263Y]             | Rb   | Mono   | 100 ul |
| ab76125  | Anti- <b>JNK2</b> antibody [EP1595Y]                 | Rb   | Mono   | 100 ul |
| ab243656 | Anti- <b>LATS1/WARTS</b> antibody [EPR23057-116]     | Rb   | Mono   | 100 ul |
| ab51067  | Anti- <b>Met</b> antibody [EP1454Y]                  | Rb   | Mono   | 100 ul |
| ab68141  | Anti- <b>Met (phospho Y1349)</b> antibody [EP2367Y]  | Rb   | Mono   | 100 ul |
| ab181286 | Anti- <b>MMP2</b> antibody [EPR17003-25]             | Rb   | Mono   | 100 ul |
| ab76003  | Anti- <b>MMP9</b> antibody [EP1254]                  | Rb   | Mono   | 100 ul |
| ab228402 | Anti- <b>MMP9</b> antibody [EPR22140-154]            | Rb   | Mono   | 100 ul |
| ab32570  | Anti- <b>PDGFR alpha + PDGFR beta</b> antibody       | Rb   | Mono   | 100 ul |
| ab203491 | Anti- <b>PDGFR alpha</b> antibody [EPR22059-270]     | Rb   | Mono   | 100 ul |
| ab313777 | Anti- <b>PDGFR beta</b> antibody [EPR26830-84]       | Rb   | Mono   | 100 ul |
| ab205921 | Anti- <b>PD-L1</b> antibody [28-8]                   | Rb   | Mono   | 50 ul  |
| ab213480 | Anti- <b>PD-L1</b> antibody [EPR20529]               | Rb   | Mono   | 100 ul |
| ab178407 | Anti- <b>ATR (phospho S428)</b> antibody [EPR2184]   | Rb   | Mono   | 100 ul |
| ab181616 | Anti- <b>Rb</b> antibody [EPR17512]                  | Rb   | Mono   | 100 ul |
| ab184796 | Anti- <b>Rb (phospho S807)</b> antibody [EPR17732]   | Rb   | Mono   | 100 ul |
| ab32199  | Anti- <b>PTEN</b> antibody [Y184]                    | Rb   | Mono   | 100 ul |
| ab170941 | Anti- <b>PTEN</b> antibody [EPR9941-2]               | Rb   | Mono   | 100 ul |
| ab32554  | Anti- <b>Tuberin</b> antibody [Y320]                 | Rb   | Mono   | 100 ul |
| ab52936  | Anti- <b>Tuberin</b> antibody [EP1107Y]              | Rb   | Mono   | 100 ul |
| ab203829 | Anti- <b>ZEB1</b> antibody [EPR17375]                | Rb   | Mono   | 100 ul |
| ab16667  | Anti- <b>Ki67</b> antibody [SP6]                     | Rb   | Mono   | 100 ul |
| ab15580  | Anti- <b>Ki67</b> antibody                           | Rb   | Poly   | 100 ug |

## Stem Cell

| Cat no   | Product                                  | Host | Clonal | Size   |
|----------|------------------------------------------|------|--------|--------|
| ab109250 | Anti- <b>Nanog</b> antibody [EPR2027(2)] | Rb   | Mono   | 100 ul |
| ab317506 | Anti- <b>Nanog</b> antibody [RM1168]     | Rb   | Multi  | 100 ul |
| ab203919 | Anti- <b>Nanog</b> antibody [EPR19646]   | Rb   | Mono   | 100 ul |

| Cat no   | Product                                                                     | Host | Clonal | Size   |
|----------|-----------------------------------------------------------------------------|------|--------|--------|
| ab52894  | Anti- <b>EGFR</b> antibody [EP38Y]                                          | Rb   | Mono   | 100 ul |
| ab40815  | Anti- <b>EGFR (phospho Y1068)</b> antibody [EP774Y]                         | Rb   | Mono   | 100 ul |
| ab32077  | Anti- <b>EGFR</b> antibody [E235]                                           | Rb   | Mono   | 100 ul |
| ab221679 | Anti- <b>VEGF Receptor 2</b> antibody [EPR21884-290]                        | Rb   | Mono   | 100 ul |
| ab134191 | Anti- <b>VEGF Receptor 2</b> antibody [EPRER16Y]                            | Rb   | Mono   | 100 ul |
| ab24170  | Anti- <b>LAMP1</b> antibody                                                 | Rb   | Poly   | 100 ug |
| ab108597 | Anti- <b>LAMP1</b> antibody [EPR4204]                                       | Rb   | Mono   | 100 ul |
| ab208943 | Anti- <b>LAMP1</b> antibody [EPR21026]                                      | Rb   | Mono   | 100 ul |
| ab108596 | Anti- <b>JAK2</b> antibody [EPR108(2)]                                      | Rb   | Mono   | 100 ul |
| ab32101  | Anti- <b>JAK2 (phospho Y1007+Y1008)</b> antibody                            | Rb   | Mono   | 100 ul |
| ab179463 | Anti- <b>AKT1 + AKT2 + AKT3</b> antibody [EPR16798]                         | Rb   | Mono   | 100 ul |
| ab300473 | Anti- <b>AKT3 + AKT2 + AKT1</b> antibody [RM1043]                           | Rb   | Multi  | 100 ul |
| ab32505  | Anti- <b>AKT3 + AKT2 + AKT1</b> antibody [Y89]                              | Rb   | Mono   | 100 ul |
| ab81283  | Anti- <b>AKT1 (phospho S473)</b> antibody [EP2109Y]                         | Rb   | Mono   | 100 ul |
| ab192623 | Anti- <b>AKT1 (pS473) + AKT2 (pS474) + AKT3 (pS472)</b> antibody [EPR18853] | Rb   | Mono   | 100 ul |
| ab133458 | Anti- <b>AKT1 (phospho S129)</b> antibody [EPR6150]                         | Rb   | Mono   | 100 ul |
| ab92547  | Anti- <b>Vimentin</b> antibody [EPR3776]                                    | Rb   | Mono   | 100 ul |
| ab76011  | Anti- <b>N Cadherin</b> antibody [EPR1791-4]                                | Rb   | Mono   | 100 ul |
| ab18203  | Anti- <b>N Cadherin</b> antibody                                            | Rb   | Poly   | 100 ug |
| ab40772  | Anti- <b>E Cadherin</b> antibody [EP700Y]                                   | Rb   | Mono   | 100 ul |
| ab231303 | Anti- <b>E Cadherin</b> antibody [4A2]                                      | Ms   | Mono   | 100 ug |
| ab32572  | Anti- <b>beta Catenin</b> antibody [E247]                                   | Rb   | Mono   | 100 ul |
| ab16051  | Anti- <b>beta Catenin</b> antibody                                          | Rb   | Poly   | 100 ug |
| ab305261 | Anti- <b>beta Catenin non-phospho(active) S45</b> antibody [EPR26155-110-1] | Rb   | Mono   | 100 ul |
| ab75777  | Anti- <b>beta Catenin (phospho S37)</b> antibody                            | Rb   | Mono   | 100 ul |
| ab52771  | Anti- <b>YAP1</b> antibody [EP1674Y]                                        | Rb   | Mono   | 100 ul |
| ab205270 | Anti- <b>active YAP1</b> antibody [EPR19812]                                | Rb   | Mono   | 100 ul |
| ab76252  | Anti- <b>YAP1 (phospho S127)</b> antibody [EP1675Y]                         | Rb   | Mono   | 100 ul |
| ab27568  | Anti- <b>SLUG</b> antibody                                                  | Rb   | Poly   | 100 ug |
| ab216347 | Anti- <b>SNAIL</b> antibody [EPR21043]                                      | Rb   | Mono   | 100 ul |
| ab215715 | Anti- <b>TGF beta 1</b> antibody [EPR21143]                                 | Rb   | Mono   | 100 ul |

| Cat no   | Product                               | Host | Clonal | Size   |
|----------|---------------------------------------|------|--------|--------|
| ab181557 | Anti- <b>Oct4</b> antibody [EPR17929] | Rb   | Mono   | 100 ul |
| ab200834 | Anti- <b>Oct4</b> antibody [EPR17980] | Rb   | Mono   | 100 ul |
| ab92494  | Anti- <b>SOX2</b> antibody [EPR3131]  | Rb   | Mono   | 100 ul |



# Apoptosis

| Cat no   | Product                                               | Host | Clonal | Size   |
|----------|-------------------------------------------------------|------|--------|--------|
| ab186429 | Anti- <b>ALIX</b> antibody [EPR15314] - N-terminal    | Rb   | Mono   | 100 ul |
| ab88388  | Anti- <b>ALIX</b> antibody                            | Rb   | Poly   | 100 ug |
| ab275377 | Anti- <b>ALIX</b> antibody [EPR23653-32]              | Rb   | Mono   | 100 ul |
| ab32445  | Anti- <b>Bad</b> antibody [Y208]                      | Rb   | Mono   | 100 ul |
| ab129192 | Anti- <b>Bad (phospho S112)</b> antibody [EPR1891(2)] | Rb   | Mono   | 100 ul |
| ab32503  | Anti- <b>Bax</b> antibody [E63]                       | Rb   | Mono   | 100 ul |
| ab182733 | Anti- <b>Bax</b> antibody [EPR18283]                  | Rb   | Mono   | 100 ul |
| ab32124  | Anti- <b>Bcl-2</b> antibody [E17]                     | Rb   | Mono   | 100 ul |
| ab182858 | Anti- <b>Bcl-2</b> antibody [EPR17509]                | Rb   | Mono   | 100 ul |
| ab32370  | Anti- <b>Bcl-XL</b> antibody [E18]                    | Rb   | Mono   | 100 ul |
| ab178844 | Anti- <b>Bcl-XL</b> antibody [EPR16642]               | Rb   | Mono   | 100 ul |
| ab32158  | Anti- <b>Bim</b> antibody [Y36]                       | Rb   | Mono   | 100 ul |
| ab13847  | Anti- <b>Caspase-3</b> antibody                       | Rb   | Poly   | 100 ug |
| ab32351  | Anti- <b>Caspase-3</b> antibody [E87]                 | Rb   | Mono   | 100 ul |
| ab32150  | Anti- <b>pro Caspase-3</b> antibody [E61]             | Rb   | Mono   | 100 ul |
| ab32499  | Anti- <b>pro Caspase-3</b> antibody [E83-103]         | Rb   | Mono   | 100 ul |
| ab2302   | Anti- <b>Cleaved Caspase-3</b> antibody               | Rb   | Poly   | 50 ug  |
| ab32042  | Anti- <b>Cleaved Caspase-3</b> antibody [E83-77]      | Rb   | Mono   | 100 ul |
| ab32522  | Anti- <b>Caspase-7</b> antibody [E22]                 | Rb   | Mono   | 100 ul |
| ab255818 | Anti- <b>Caspase-7</b> antibody [EPR22839-12]         | Rb   | Mono   | 100 ul |
| ab256469 | Anti- <b>Cleaved Caspase-7</b> antibody [EPR22840-25] | Rb   | Mono   | 100 ul |
| ab108333 | Anti- <b>Pro Caspase-8</b> antibody [EPR162]          | Rb   | Mono   | 100 ul |
| ab32397  | Anti- <b>Caspase-8</b> antibody [E7]                  | Rb   | Mono   | 100 ul |
| ab32539  | Anti- <b>Caspase-9</b> antibody [E23]                 | Rb   | Mono   | 100 ul |
| ab202068 | Anti- <b>Caspase-9</b> antibody [EPR18107]            | Rb   | Mono   | 100 ul |
| ab11419  | Anti- <b>DDIT3</b> antibody [9C8]                     | Ms   | Mono   | 100 ug |
| ab133504 | Anti- <b>Cytochrome C</b> antibody [EPR1327]          | Rb   | Mono   | 100 ul |
| ab184247 | Anti- <b>DRP1</b> antibody [EPR19274]                 | Rb   | Mono   | 100 ul |
| ab314755 | Anti- <b>DRP1 (phospho S616)</b> antibody             | Rb   | Mono   | 100 ul |
| ab32138  | Anti- <b>PARP1</b> antibody [E102]                    | Rb   | Mono   | 100 ul |

# Immunology

| Cat no   | Product                                    | Host | Clonal | Size   |
|----------|--------------------------------------------|------|--------|--------|
| ab133616 | Anti- <b>CD4</b> antibody [EPR6855]        | Rb   | Mono   | 100 ul |
| ab183685 | Anti- <b>CD4</b> antibody [EPR19514]       | Rb   | Mono   | 100 ul |
| ab183218 | Anti- <b>TNF alpha</b> antibody [EPR19147] | Rb   | Mono   | 100 ul |
| ab189524 | Anti- <b>CD44</b> antibody [EPR18668]      | Rb   | Mono   | 100 ul |
| ab316778 | Anti- <b>CD8</b> alpha antibody [RM1129]   | Rb   | Multi  | 100 ul |
| ab300421 | Anti- <b>F4/80</b> antibody [EPR26545-166] | Rb   | Mono   | 100 ul |

| Cat no   | Product                                                                  | Host | Clonal | Size   |
|----------|--------------------------------------------------------------------------|------|--------|--------|
| ab191217 | Anti- <b>PARP1</b> antibody [EPR18461]                                   | Rb   | Mono   | 100 ul |
| ab32064  | Anti- <b>Cleaved PARP1</b> antibody [E51]                                | Rb   | Mono   | 100 ul |
| ab32561  | Anti- <b>Cleaved PARP1</b> antibody [Y34]                                | Rb   | Mono   | 100 ul |
| ab179800 | Anti- <b>COX2</b> antibody [EPR12012]                                    | Rb   | Mono   | 100 ul |
| ab62331  | Anti- <b>COX2</b> antibody [EP1978Y]                                     | Rb   | Mono   | 100 ul |
| ab32087  | Anti- <b>MCL1</b> antibody [Y37]                                         | Rb   | Mono   | 100 ul |
| ab40855  | Anti- <b>Smad2</b> antibody [EP784Y]                                     | Rb   | Mono   | 100 ul |
| ab33875  | Anti- <b>Smad2</b> antibody [EP567Y]                                     | Rb   | Mono   | 100 ul |
| ab202445 | Anti- <b>Smad2 + Smad3</b> antibody [EPR19557-4]                         | Rb   | Mono   | 100 ul |
| ab40854  | Anti- <b>Smad3</b> antibody [EP568Y]                                     | Rb   | Mono   | 100 ul |
| ab280888 | Anti- <b>Smad2 (phospho S467)</b> antibody                               | Rb   | Mono   | 100 ul |
| ab188334 | Anti- <b>Smad2 (phospho S255)</b> antibody                               | Rb   | Mono   | 100 ul |
| ab52903  | Anti- <b>Smad3 (phospho S423 + S425)</b> antibody                        | Rb   | Mono   | 100 ul |
| ab92698  | Anti- <b>SMAD1 + SMAD5 + SMAD9 (phospho S463 + S465 + S467)</b> antibody | Rb   | Mono   | 100 ul |
| ab76424  | Anti- <b>Survivin</b> antibody [EP2880Y]                                 | Rb   | Mono   | 100 ul |
| ab134170 | Anti- <b>Survivin</b> antibody [EPR2675]                                 | Rb   | Mono   | 100 ul |
| ab108595 | Anti- <b>Lamin A + Lamin C</b> antibody [EPR4100]                        | Rb   | Mono   | 100 ul |
| ab133256 | Anti- <b>Lamin A + Lamin C</b> antibody [EP4520-16]                      | Rb   | Mono   | 100 ul |
| ab26300  | Anti- <b>Lamin A</b> antibody                                            | Rb   | Poly   | 100 ug |
| ab16048  | Anti- <b>Lamin B1</b> antibody                                           | Rb   | Poly   | 100 ug |
| ab133741 | Anti- <b>Lamin B1</b> antibody [EPR8985(B)]                              | Rb   | Mono   | 100 ul |
| ab32041  | Anti- <b>IKK</b> alpha antibody [Y463]                                   | Rb   | Mono   | 100 ul |
| ab109749 | Anti- <b>IKK</b> alpha antibody [EPR464]                                 | Rb   | Mono   | 100 ul |
| ab124957 | Anti- <b>IKK beta</b> antibody [EPR6043]                                 | Rb   | Mono   | 100 ul |
| ab178870 | Anti- <b>IKK</b> beta antibody [EPR16628]                                | Rb   | Mono   | 100 ul |
| ab32518  | Anti- <b>IKB alpha</b> antibody [E130]                                   | Rb   | Mono   | 100 ul |
| ab76429  | Anti- <b>IKB alpha</b> antibody [EP697]                                  | Rb   | Mono   | 100 ul |
| ab133462 | Anti- <b>IKB alpha (phospho S36)</b> antibody                            | Rb   | Mono   | 100 ul |
| ab92700  | Anti- <b>IKB alpha (phospho S32)</b> antibody                            | Rb   | Mono   | 100 ul |

| Cat no   | Product                                             | Host | Clonal | Size   |
|----------|-----------------------------------------------------|------|--------|--------|
| ab283818 | Anti- <b>IL-1</b> beta antibody [RM1009]            | Rb   | Multi  | 100 ul |
| ab219413 | Anti- <b>MyD88</b> antibody [EPR21824]              | Rb   | Mono   | 100 ul |
| ab263899 | Anti- <b>NLRP3</b> antibody [EPR23094-1]            | Rb   | Mono   | 100 ul |
| ab181125 | Anti- <b>STING</b> antibody [EPR13130]              | Rb   | Mono   | 100 ul |
| ab288157 | Anti- <b>STING</b> antibody [EPR25090-107]          | Rb   | Mono   | 100 ul |
| ab68481  | Anti- <b>IRF3</b> antibody [EPR2418Y]               | Rb   | Mono   | 100 ul |
| ab76493  | Anti- <b>IRF3 (phospho S386)</b> antibody [EPR2346] | Rb   | Mono   | 100 ul |

# Cell Signaling

| Cat no   | Product                                                                         | Host | Clonal | Size   |
|----------|---------------------------------------------------------------------------------|------|--------|--------|
| ab32047  | Anti- <b>AMPK alpha 1</b> antibody [Y365]                                       | Rb   | Mono   | 100 ul |
| ab271188 | Anti- <b>AMPK alpha 1</b> antibody [EPR24413-70]                                | Rb   | Mono   | 100 ul |
| ab207442 | Anti- <b>AMPK alpha 1 + AMPK alpha 2</b> antibody                               | Rb   | Mono   | 100 ul |
| ab80039  | Anti- <b>AMPK alpha 1 + AMPK alpha 2</b> antibody                               | Ms   | Mono   | 50 ug  |
| ab133448 | Anti- <b>AMPK alpha 1 (phospho T183) + AMPK alpha 2 (phospho T172)</b> antibody | Rb   | Mono   | 100 ul |
| ab92701  | Anti- <b>AMPK alpha 1 (phospho S496)</b> antibody                               | Rb   | Mono   | 100 ul |
| ab109402 | Anti- <b>AMPK alpha 2 (phospho S491)</b> antibody                               | Rb   | Mono   | 100 ul |
| ab134122 | Anti- <b>c-Fos</b> antibody [EPR883(2)]                                         | Rb   | Mono   | 100 ul |
| ab222699 | Anti- <b>c-Fos</b> antibody [EPR21930-238]                                      | Rb   | Mono   | 100 ul |
| ab40766  | Anti- <b>c-Jun</b> antibody [EP693Y]                                            | Rb   | Mono   | 100 ul |
| ab32137  | Anti- <b>c-Jun</b> antibody [E254]                                              | Rb   | Mono   | 100 ul |
| ab32385  | Anti- <b>c-Jun (phospho S63)</b> antibody [Y172]                                | Rb   | Mono   | 100 ul |
| ab52627  | Anti- <b>Notch1</b> antibody [EP1238Y]                                          | Rb   | Mono   | 100 ul |
| ab32515  | Anti- <b>CREB</b> antibody [E306]                                               | Rb   | Mono   | 100 ul |
| ab32096  | Anti- <b>CREB (phospho S133)</b> antibody [E113]                                | Rb   | Mono   | 100 ul |
| ab179450 | Anti- <b>FOXO1A</b> antibody [EPR12020]                                         | Rb   | Mono   | 100 ul |
| ab259337 | Anti- <b>FOXO1A (phospho S253)</b> antibody                                     | Rb   | Mono   | 100 ul |
| ab154786 | Anti- <b>FOXO3A (phospho S253)</b> antibody                                     | Rb   | Mono   | 100 ul |
| ab109629 | Anti- <b>FOXO3A</b> antibody [EPR1950]                                          | Rb   | Mono   | 100 ul |
| ab62368  | Anti- <b>GSK3 (alpha + beta)</b> antibody [EP933Y]                              | Rb   | Mono   | 100 ul |
| ab185141 | Anti- <b>GSK3 beta + GSK3 alpha</b> antibody                                    | Rb   | Mono   | 100 ul |
| ab32391  | Anti- <b>GSK3 beta</b> antibody [Y174]                                          | Rb   | Mono   | 100 ul |
| ab280376 | Anti- <b>GSK3 beta</b> antibody [7/GSK-3b]                                      | Ms   | Mono   | 100 ug |
| ab75814  | Anti- <b>GSK3 beta (phospho S9)</b> antibody                                    | Rb   | Mono   | 100 ul |
| ab68476  | Anti- <b>GSK3 beta (phospho Y216) + GSK3 alpha (phospho Y279)</b> antibody      | Rb   | Mono   | 100 ul |
| ab32135  | Anti- <b>IKK beta</b> antibody [Y466]                                           | Rb   | Mono   | 100 ul |
| ab124945 | Anti- <b>IRE1 (phospho S724)</b> antibody                                       | Rb   | Mono   | 100 ul |
| ab68481  | Anti- <b>IRF3</b> antibody [EPR2418Y]                                           | Rb   | Mono   | 100 ul |
| ab76493  | Anti- <b>IRF3 (phospho S386)</b> antibody [EPR2346]                             | Rb   | Mono   | 100 ul |
| ab179461 | Anti- <b>JNK1 + JNK2 + JNK3</b> antibody                                        | Rb   | Mono   | 100 ul |
| ab124956 | Anti- <b>JNK1 + JNK2 + JNK3 (phospho T183+T183+T221)</b> antibody               | Rb   | Mono   | 100 ul |
| ab178876 | Anti- <b>MEK1 + MEK2</b> antibody [EPR16667]                                    | Rb   | Mono   | 100 ul |
| ab32028  | Anti- <b>mTOR</b> antibody [Y391]                                               | Rb   | Mono   | 100 ul |
| ab134903 | Anti- <b>mTOR</b> antibody [EPR390(N)]                                          | Rb   | Mono   | 100 ul |
| ab109268 | Anti- <b>mTOR (phospho S2448)</b> antibody                                      | Rb   | Mono   | 100 ul |
| ab16502  | Anti- <b>NF-kB p65</b> antibody                                                 | Rb   | Poly   | 100 ug |
| ab32536  | Anti- <b>NF-kB p65</b> antibody [E379]                                          | Rb   | Mono   | 100 ul |
| ab76302  | Anti- <b>NF-kB p65 (phospho S536)</b> antibody                                  | Rb   | Mono   | 100 ul |
| ab32360  | Anti- <b>NFkB p105 / p50</b> antibody [E381]                                    | Rb   | Mono   | 100 ul |

| Cat no   | Product                                              | Host | Clonal | Size   |
|----------|------------------------------------------------------|------|--------|--------|
| ab40676  | Anti- <b>NAK/TBK1</b> antibody [EP611Y]              | Rb   | Mono   | 100 ul |
| ab109272 | Anti- <b>NAK/TBK1 (phospho S172)</b> antibody        | Rb   | Mono   | 100 ul |
| ab62352  | Anti- <b>Nrf2</b> antibody [EP1808Y]                 | Rb   | Mono   | 100 ul |
| ab109520 | Anti- <b>p21</b> antibody [EPR362]                   | Rb   | Mono   | 100 ul |
| ab109199 | Anti- <b>p21</b> antibody [EPR3993]                  | Rb   | Mono   | 100 ul |
| ab32034  | Anti- <b>p27 KIP 1</b> antibody [Y236]               | Rb   | Mono   | 100 ul |
| ab62364  | Anti- <b>p27 KIP 1 (phospho S10)</b> antibody        | Rb   | Mono   | 100 ul |
| ab170099 | Anti- <b>p38 alpha/MAPK14</b> antibody [E229]        | Rb   | Mono   | 100 ul |
| ab178867 | Anti- <b>p38 (phospho T180)</b> antibody [EPR16587]  | Rb   | Mono   | 100 ul |
| ab195049 | Anti- <b>p38 (phospho T180 + Y182)</b> antibody      | Rb   | Mono   | 100 ul |
| ab184699 | Anti- <b>ERK1 + ERK2</b> antibody [EPR17526]         | Rb   | Mono   | 100 ul |
| ab184551 | Anti- <b>P70 S6 Kinase beta/SRK</b> antibody         | Rb   | Mono   | 100 ul |
| ab32529  | Anti- <b>S6K1</b> antibody [E343]                    | Rb   | Mono   | 100 ul |
| ab32359  | Anti- <b>S6K1</b> antibody [E175]                    | Rb   | Mono   | 100 ul |
| ab199956 | Anti- <b>eNOS</b> antibody [EPR19296]                | Rb   | Mono   | 100 ul |
| ab215717 | Anti- <b>eNOS (phospho S1177)</b> antibody           | Rb   | Mono   | 100 ul |
| ab178945 | Anti- <b>iNOS</b> antibody [EPR16635]                | Rb   | Mono   | 100 ul |
| ab15323  | Anti- <b>iNOS</b> antibody                           | Rb   | Poly   | 500 ul |
| ab191606 | Anti- <b>PI 3 Kinase p85 alpha</b> antibody          | Rb   | Mono   | 100 ul |
| ab109381 | Anti- <b>Src</b> antibody [EPR5496]                  | Rb   | Mono   | 100 ul |
| ab133283 | Anti- <b>Src</b> antibody [EGTR103]                  | Rb   | Mono   | 100 ul |
| ab40660  | Anti- <b>SRC Family (phospho Y418)</b> antibody      | Rb   | Mono   | 100 ul |
| ab185617 | Anti- <b>Src (phospho Y419)</b> antibody [EPR17734]  | Rb   | Mono   | 100 ul |
| ab234400 | Anti- <b>STAT1</b> antibody [EPR21057-141]           | Rb   | Mono   | 100 ul |
| ab109320 | Anti- <b>STAT1</b> antibody [EPR4407]                | Rb   | Mono   | 100 ul |
| ab92506  | Anti- <b>STAT1 alpha</b> antibody [EPYR2154]         | Rb   | Mono   | 100 ul |
| ab68153  | Anti- <b>STAT3</b> antibody [EPR787Y]                | Rb   | Mono   | 100 ul |
| ab32500  | Anti- <b>STAT3</b> antibody [E121-21]                | Rb   | Mono   | 100 ul |
| ab76315  | Anti- <b>STAT3 (phospho Y705)</b> antibody [EP2147Y] | Rb   | Mono   | 100 ul |
| ab32143  | Anti- <b>STAT3 (phospho S727)</b> antibody [E121-31] | Rb   | Mono   | 100 ul |
| ab109461 | Anti- <b>STAT1 (phospho S727)</b> antibody [EPR3146] | Rb   | Mono   | 100 ul |
| ab32364  | Anti- <b>STAT5 (phospho Y694)</b> antibody [E208]    | Rb   | Mono   | 100 ul |
| ab179530 | Anti- <b>Phosphotyrosine</b> antibody [EPR16871]     | Rb   | Mono   | 100 ul |
| ab10321  | Anti- <b>Phosphotyrosine</b> antibody [PY20]         | Ms   | Mono   | 100 ug |
| ab187027 | Anti- <b>RhoA</b> antibody [EPR18134]                | Rb   | Mono   | 100 ul |
| ab178860 | Anti- <b>PPAR gamma</b> antibody [EPR18516]          | Rb   | Mono   | 100 ul |
| ab272718 | Anti- <b>PPAR gamma</b> antibody [EPR23297-111]      | Rb   | Mono   | 100 ul |
| ab192256 | Anti- <b>RUNX2</b> antibody [EPR14334]               | Rb   | Mono   | 100 ul |
| ab236639 | Anti- <b>RUNX2</b> antibody [EPR22858-106] -         | Rb   | Mono   | 100 ul |
| ab302780 | Anti- <b>SLUG</b> antibody [EPR25113-46]             | Rb   | Mono   | 100 ul |
| ab27568  | Anti- <b>SLUG</b> antibody                           | Rb   | Poly   | 100 ug |



## Cell Signaling

| Cat no   | Product                                             | Host | Clonal | Size   |
|----------|-----------------------------------------------------|------|--------|--------|
| ab32041  | Anti- <b>IKK alpha</b> antibody [Y463]              | Rb   | Mono   | 100 ul |
| ab109749 | Anti- <b>IKK alpha</b> antibody [EPR464]            | Rb   | Mono   | 100 ul |
| ab124957 | Anti- <b>IKK beta</b> antibody [EPR6043]            | Rb   | Mono   | 100 ul |
| ab178870 | Anti- <b>IKK beta</b> antibody [EPR16628]           | Rb   | Mono   | 100 ul |
| ab32518  | Anti- <b>IKB alpha</b> antibody [E130]              | Rb   | Mono   | 100 ul |
| ab76429  | Anti- <b>IKB alpha</b> antibody [EP697]             | Rb   | Mono   | 100 ul |
| ab133462 | Anti- <b>IKB alpha (phospho S36)</b> antibody       | Rb   | Mono   | 100 ul |
| ab92700  | Anti- <b>IKB alpha (phospho S32)</b> antibody       | Rb   | Mono   | 100 ul |
| ab76125  | Anti- <b>JNK2</b> antibody [EP1595Y]                | Rb   | Mono   | 100 ul |
| ab108596 | Anti- <b>IAK2</b> antibody [EPR108(2)]              | Rb   | Mono   | 100 ul |
| ab32101  | Anti- <b>IAK2 (phospho Y1007 + Y1008)</b> antibody  | Rb   | Mono   | 100 ul |
| ab179463 | Anti- <b>AKT1 + AKT2 + AKT3</b> antibody [EPR16798] | Rb   | Mono   | 100 ul |
| ab300473 | Anti- <b>AKT3 + AKT2 + AKT1</b> antibody [RM1043]   | Rb   | Multi  | 100 ul |
| ab32505  | Anti- <b>AKT3 + AKT2 + AKT1</b> antibody [Y89]      | Rb   | Mono   | 100 ul |

## Organelle

| Cat no   | Product                                           | Host | Clonal | Size   |
|----------|---------------------------------------------------|------|--------|--------|
| ab124773 | Anti- <b>Mitofusin 2</b> antibody [NIAR164]       | Rb   | Mono   | 100 ul |
| ab21685  | Anti- <b>GRP78 BiP</b> antibody                   | Rb   | Poly   | 100 ug |
| ab108615 | Anti- <b>GRP78 BiP</b> antibody [EPR4041(2)]      | Rb   | Mono   | 100 ul |
| ab213243 | Anti- <b>Calnexin</b> antibody [EPR21205]         | Rb   | Mono   | 100 ul |
| ab22595  | Anti- <b>Calnexin</b> antibody                    | Rb   | Poly   | 100 ug |
| ab109110 | Anti- <b>EEA1</b> antibody [EPR4245]              | Rb   | Mono   | 100 ul |
| ab2900   | Anti- <b>EEA1</b> antibody                        | Rb   | Poly   | 100 ug |
| ab76020  | Anti- <b>Sodium Potassium ATPase</b> antibody     | Rb   | Mono   | 100 ul |
| ab109534 | Anti- <b>Rab5</b> antibody [EPR5438]              | Rb   | Mono   | 100 ul |
| ab137029 | Anti- <b>RAB7</b> antibody [EPR7589]              | Rb   | Mono   | 100 ul |
| ab15895  | Anti- <b>VDAC1/Porin + VDAC2 + VDAC3</b> antibody | Rb   | Poly   | 100 ug |
| ab133504 | Anti- <b>Cytochrome C</b> antibody [EPR1327]      | Rb   | Mono   | 100 ul |
| ab184247 | Anti- <b>DRP1</b> antibody [EPR19274]             | Rb   | Mono   | 100 ul |
| ab314755 | Anti- <b>DRP1 (phospho S616)</b> antibody         | Rb   | Mono   | 100 ul |
| ab108595 | Anti- <b>Lamin A + Lamin C</b> antibody [EPR4100] | Rb   | Mono   | 100 ul |

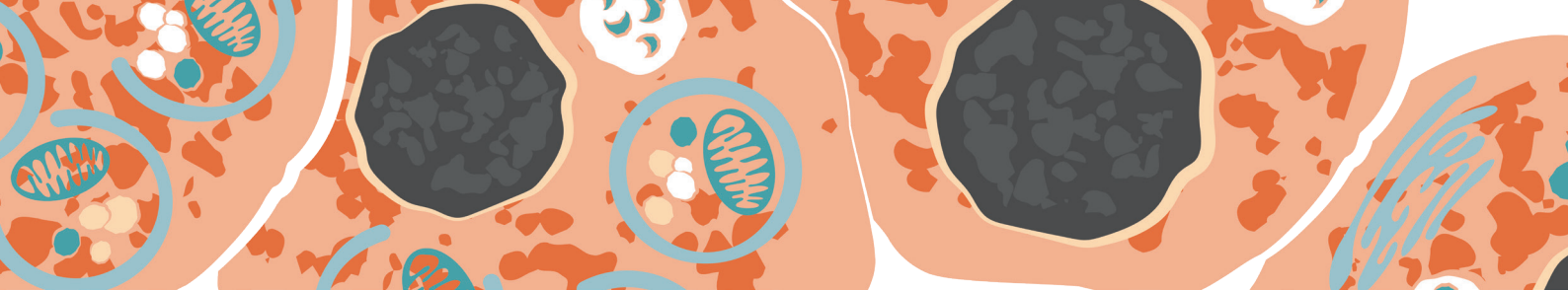
## Translation

| Cat no   | Product                                          | Host | Clonal | Size   |
|----------|--------------------------------------------------|------|--------|--------|
| ab229912 | Anti- <b>PERK</b> antibody [EPR19876-294]        | Rb   | Mono   | 100 ul |
| ab169528 | Anti- <b>eIF2A</b> antibody [EPR11042]           | Rb   | Mono   | 100 ul |
| ab32157  | Anti- <b>EIF2S1 (phospho S51)</b> antibody [E90] | Rb   | Mono   | 100 ul |
| ab225676 | Anti- <b>RPS6</b> antibody [EPR22168]            | Rb   | Mono   | 100 ul |

| Cat no   | Product                                                                             | Host | Clonal | Size   |
|----------|-------------------------------------------------------------------------------------|------|--------|--------|
| ab81283  | Anti- <b>AKT1 (phospho S473)</b> antibody [EP2109Y]                                 | Rb   | Mono   | 100 ul |
| ab192623 | Anti-AKT1 ( <b>pS473</b> ) + <b>AKT2 (pS474) + AKT3 (pS472)</b> antibody [EPR18853] | Rb   | Mono   | 100 ul |
| ab133458 | Anti- <b>AKT1 (phospho S129)</b> antibody [EPR6150]                                 | Rb   | Mono   | 100 ul |
| ab32572  | Anti- <b>beta Catenin</b> antibody [E247]                                           | Rb   | Mono   | 100 ul |
| ab16051  | Anti- <b>beta Catenin</b> antibody                                                  | Rb   | Poly   | 100 ug |
| ab305261 | Anti- <b>beta Catenin non-phospho(active) S45</b> antibody [EPR26155-110-1]         | Rb   | Mono   | 100 ul |
| ab75777  | Anti- <b>beta Catenin (phospho S37)</b> antibody                                    | Rb   | Mono   | 100 ul |
| ab52771  | Anti- <b>YAP1</b> antibody [EP1674Y]                                                | Rb   | Mono   | 100 ul |
| ab205270 | Anti- <b>active YAP1</b> antibody [EPR19812]                                        | Rb   | Mono   | 100 ul |
| ab76252  | Anti- <b>YAP1 (phospho S127)</b> antibody [EP1675Y]                                 | Rb   | Mono   | 100 ul |
| ab216347 | Anti- <b>SNAIL</b> antibody [EPR21043]                                              | Rb   | Mono   | 100 ul |
| ab215715 | Anti- <b>TGF beta 1</b> antibody [EPR21143]                                         | Rb   | Mono   | 100 ul |

| Cat no   | Product                                             | Host | Clonal | Size   |
|----------|-----------------------------------------------------|------|--------|--------|
| ab133256 | Anti- <b>Lamin A + Lamin C</b> antibody [EP4520-16] | Rb   | Mono   | 100 ul |
| ab26300  | Anti- <b>Lamin A</b> antibody                       | Rb   | Poly   | 100 ug |
| ab16048  | Anti- <b>Lamin B1</b> antibody                      | Rb   | Poly   | 100 ug |
| ab133741 | Anti- <b>Lamin B1</b> antibody [EPR8985(B)]         | Rb   | Mono   | 100 ul |
| ab24170  | Anti- <b>LAMP1</b> antibody                         | Rb   | Poly   | 100 ug |
| ab108597 | Anti- <b>LAMP1</b> antibody [EPR4204]               | Rb   | Mono   | 100 ul |
| ab208943 | Anti- <b>LAMP1</b> antibody [EPR21026]              | Rb   | Mono   | 100 ul |
| ab76011  | Anti- <b>N Cadherin</b> antibody [EPR1791-4]        | Rb   | Mono   | 100 ul |
| ab18203  | Anti- <b>N Cadherin</b> antibody                    | Rb   | Poly   | 100 ug |
| ab40772  | Anti- <b>E Cadherin</b> antibody [EP700Y]           | Rb   | Mono   | 100 ul |
| ab231303 | Anti- <b>E Cadherin</b> antibody [4A2]              | Ms   | Mono   | 100 ug |
| ab16056  | Anti- <b>COX IV</b> antibody                        | Rb   | Mono   | 100 ug |
| ab14744  | Anti- <b>COX IV</b> antibody [20E8C12]              | Ms   | Mono   | 100 ug |
| ab202554 | Anti- <b>COX IV</b> antibody [EPR9442(ABC)]         | Rb   | Mono   | 100 ul |

| Cat no   | Product                                                     | Host | Clonal | Size   |
|----------|-------------------------------------------------------------|------|--------|--------|
| ab40820  | Anti- <b>RPS6</b> antibody                                  | Rb   | Poly   | 100 ug |
| ab215214 | Anti- <b>RPS6 (phospho S240 + S244)</b> antibody [EPR20770] | Rb   | Mono   | 100 ul |
| ab300617 | Anti- <b>RIP</b> antibody [EPR24883-85]                     | Rb   | Mono   | 100 ul |



# Autophagy

| Cat no   | Product                                       | Host | Clonal | Size   |
|----------|-----------------------------------------------|------|--------|--------|
| ab108327 | Anti- <b>APG5L/ATG5</b> antibody [EPR1755(2)] | Rb   | Mono   | 100 ul |
| ab109490 | Anti- <b>APG5L/ATG5</b> antibody [EPR4797]    | Rb   | Mono   | 100 ul |
| ab52472  | Anti- <b>ATG7</b> antibody [EP1759Y]          | Rb   | Mono   | 100 ul |
| ab133528 | Anti- <b>ATG7</b> antibody [EPR6251]          | Rb   | Mono   | 100 ul |
| ab207612 | Anti- <b>Beclin 1</b> antibody [EPR19662]     | Rb   | Mono   | 100 ul |
| ab192890 | Anti- <b>LC3B</b> antibody [EPR18709]         | Rb   | Mono   | 100 ul |
| ab177472 | Anti- <b>ULK1</b> antibody [EPR6153(2)]       | Rb   | Mono   | 100 ul |
| ab229909 | Anti- <b>ULK1 (phospho S757)</b> antibody     | Rb   | Mono   | 100 ul |
| ab133747 | Anti- <b>ULK1 (phospho S556)</b> antibody     | Rb   | Mono   | 100 ul |

# Metabolism

| Cat no   | Product                                                                        | Host | Clonal | Size   |
|----------|--------------------------------------------------------------------------------|------|--------|--------|
| ab128870 | Anti- <b>Fatty Acid Synthase</b> antibody [EPR7466]                            | Rb   | Mono   | 100 ul |
| ab22759  | Anti- <b>Fatty Acid Synthase</b> antibody                                      | Rb   | Poly   | 100 ug |
| ab192869 | Anti- <b>Caveolin-1</b> antibody [EPR15554]                                    | Rb   | Mono   | 100 ul |
| ab45174  | Anti- <b>Acetyl Coenzyme A Carboxylase</b> antibody                            | Rb   | Mono   | 100 ul |
| ab68191  | Anti- <b>Acetyl Coenzyme A Carboxylase (phospho S79)</b> antibody [EP1885Y]    | Rb   | Mono   | 100 ul |
| ab109251 | Anti- <b>Adipose Triglyceride Lipase</b> antibody                              | Rb   | Mono   | 100 ul |
| ab40794  | Anti- <b>FAK</b> antibody [EP695Y]                                             | Rb   | Mono   | 100 ul |
| ab81298  | Anti- <b>FAK (phospho Y397)</b> antibody [EP2160Y]                             | Rb   | Mono   | 100 ul |
| ab209847 | Anti- <b>Hexokinase II</b> antibody [EPR20839]                                 | Rb   | Mono   | 100 ul |
| ab1      | Anti- <b>HIF-1</b> alpha antibody [H1alpha67]                                  | Ms   | Mono   | 100 ug |
| ab51608  | Anti- <b>HIF-1</b> alpha antibody [EP1215Y]                                    | Rb   | Mono   | 100 ul |
| ab179483 | Anti- <b>HIF-1</b> alpha antibody [EPR16897]                                   | Rb   | Mono   | 100 ul |
| ab109400 | Anti- <b>Hormone sensitive lipase/HSL (phospho S853)</b> antibody [EPR2329(2)] | Rb   | Mono   | 100 ul |
| ab303492 | Anti- <b>Insulin Receptor beta (phospho Y1361)</b> antibody [EPR26130-37]      | Rb   | Mono   | 100 ul |
| ab278100 | Anti- <b>Insulin Receptor beta</b> antibody                                    | Rb   | Mono   | 100 ul |
| ab283689 | Anti- <b>Insulin Receptor alpha</b> antibody                                   | Rb   | Mono   | 100 ul |
| ab52488  | Anti- <b>Lactate Dehydrogenase</b> antibody                                    | Rb   | Mono   | 100 ul |
| ab101562 | Anti- <b>Lactate Dehydrogenase</b> antibody                                    | Rb   | Mono   | 100 ul |

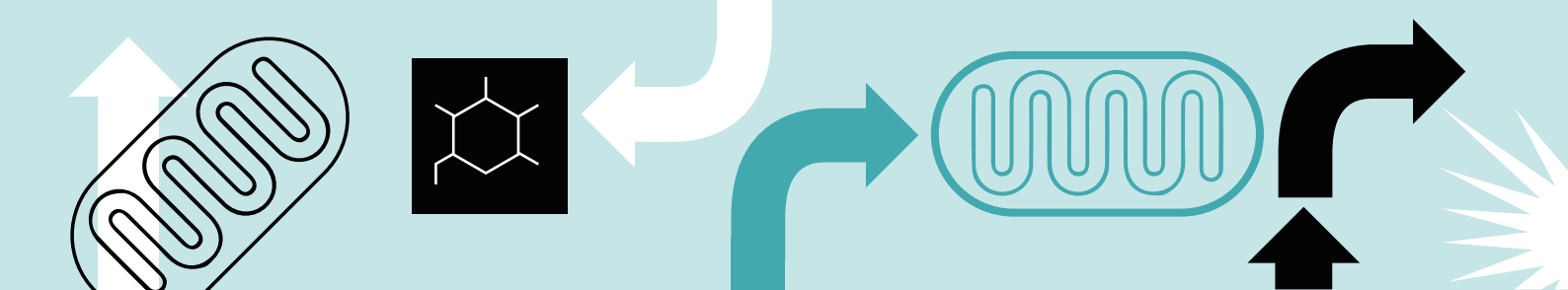
# Tag

| Cat no   | Product                                       | Host | Clonal | Size   |
|----------|-----------------------------------------------|------|--------|--------|
| ab213204 | Anti- <b>6X His tag</b> ® antibody [EPR20547] | Rb   | Mono   | 100 ul |
| ab183734 | Anti- <b>GFP</b> antibody [EPR14104]          | Rb   | Mono   | 100 ul |
| ab236632 | Anti- <b>HA tag</b> antibody [EPR22819-101]   | Rb   | Mono   | 100 ul |

| Cat no   | Product                                                | Host | Clonal | Size   |
|----------|--------------------------------------------------------|------|--------|--------|
| ab109012 | Anti- <b>SQSTM1 / p62</b> antibody [EPR4844]           | Rb   | Mono   | 100 ul |
| ab207305 | Anti- <b>SQSTM1 / p62</b> antibody [EPR18351]          | Rb   | Mono   | 100 ul |
| ab140601 | Anti- <b>Ubiquitin (linkage-specific K48)</b> antibody | Rb   | Mono   | 100 ul |
| ab134953 | Anti- <b>Ubiquitin</b> antibody [EPR8830]              | Rb   | Mono   | 100 ul |
| ab179434 | Anti- <b>Ubiquitin (linkage-specific K63)</b> antibody | Rb   | Mono   | 100 ul |
| ab24170  | Anti- <b>LAMP1</b> antibody                            | Rb   | Poly   | 100 ug |
| ab108597 | Anti- <b>LAMP1</b> antibody [EPR4204]                  | Rb   | Mono   | 100 ul |
| ab208943 | Anti- <b>LAMP1</b> antibody [EPR21026]                 | Rb   | Mono   | 100 ul |

| Cat no   | Product                                                                         | Host | Clonal | Size   |
|----------|---------------------------------------------------------------------------------|------|--------|--------|
| ab182408 | Anti- <b>IGF1 Receptor</b> antibody [EPR19322]                                  | Rb   | Mono   | 100 ul |
| ab172907 | Anti- <b>Perilipin-1</b> antibody [EPR3753(2)]                                  | Rb   | Mono   | 100 ul |
| ab317260 | Anti- <b>Perilipin-1</b> antibody [EPR28189-66]                                 | Rb   | Mono   | 100ul  |
| ab76155  | Anti- <b>Phospholipase C gamma 1/ PLC-gamma-1</b> antibody [EP1898-7Y]          | Rb   | Mono   | 100ul  |
| ab150377 | Anti- <b>PKM</b> antibody [EPR10138(B)]                                         | Rb   | Mono   | 100ul  |
| ab186735 | Anti- <b>TOMM20</b> antibody [EPR15581-54]                                      | Rb   | Mono   | 100ul  |
| ab186734 | Anti- <b>TOMM20</b> antibody [EPR15581-39]                                      | Rb   | Mono   | 100ul  |
| ab16056  | Anti- <b>COX IV</b> antibody                                                    | Rb   | Mono   | 100ug  |
| ab14744  | Anti- <b>COX IV</b> antibody [20E8C12]                                          | Ms   | Mono   | 100ug  |
| ab202554 | Anti- <b>COX IV</b> antibody [EPR9442(ABC)]                                     | Rb   | Mono   | 100ul  |
| ab32047  | Anti- <b>AMPK alpha 1</b> antibody [Y365]                                       | Rb   | Mono   | 100 ul |
| ab271188 | Anti- <b>AMPK alpha 1</b> antibody [EPR24413-70]                                | Rb   | Mono   | 100 ul |
| ab207442 | Anti- <b>AMPK alpha 1 + AMPK alpha 2</b> antibody                               | Rb   | Mono   | 100 ul |
| ab80039  | Anti- <b>AMPK alpha 1 + AMPK alpha 2</b> antibody                               | Ms   | Mono   | 50 ug  |
| ab133448 | Anti- <b>AMPK alpha 1 (phospho T183) + AMPK alpha 2 (phospho T172)</b> antibody | Rb   | Mono   | 100 ul |
| ab92701  | Anti- <b>AMPK alpha 1 (phospho S496)</b> antibody                               | Rb   | Mono   | 100 ul |
| ab109402 | Anti- <b>AMPK alpha 2 (phospho S491)</b> antibody                               | Rb   | Mono   | 100 ul |
| ab178860 | Anti- <b>PPAR gamma</b> antibody [EPR18516]                                     | Rb   | Mono   | 100ul  |
| ab272718 | Anti- <b>PPAR gamma</b> antibody [EPR23297-111]                                 | Rb   | Mono   | 100ul  |

| Cat no   | Product                                                       | Host | Clonal | Size   |
|----------|---------------------------------------------------------------|------|--------|--------|
| ab205606 | Anti- <b>DDDDK tag (Binds to FLAG® tag sequence)</b> antibody | Rb   | Mono   | 100 ul |
| ab309485 | Anti- <b>V5 tag</b> antibody [EPR27187-61]                    | Rb   | Mono   | 100 ul |



## Cell Cycle

| Cat no   | Product                                            | Host | Clonal | Size   |
|----------|----------------------------------------------------|------|--------|--------|
| ab32147  | Anti- <b>Cdk2</b> antibody [E304]                  | Rb   | Poly   | 100 ul |
| ab199728 | Anti- <b>Cdk4</b> antibody [EPR17525]              | Ms   | Mono   | 100 ul |
| ab108357 | Anti- <b>Cdk4</b> antibody [EPR4513-32-7]          | Rb   | Poly   | 100 ul |
| ab241554 | Anti- <b>Cdk6</b> antibody [98D]                   | Ms   | Mono   | 100 ug |
| ab124821 | Anti- <b>Cdk6</b> antibody [EPR4515]               | Rb   | Mono   | 100 ul |
| ab68265  | Anti- <b>CDK2 (phospho T14)</b> antibody [EP2234Y] | Rb   | Mono   | 100 ul |
| ab32531  | Anti- <b>Chk1</b> antibody [E250]                  | Rb   | Mono   | 100 ul |
| ab109413 | Anti- <b>Chk2</b> antibody [EPR4325]               | Rb   | Mono   | 100 ul |
| ab283261 | Anti- <b>Chk1 (phospho S345)</b> antibody          | Rb   | Mono   | 100 ul |
| ab68267  | Anti- <b>Chk2 (phospho S33 + S35)</b> antibody     | Rb   | Mono   | 100 ul |
| ab181591 | Anti- <b>Cyclin A2</b> antibody [EPR17351]         | Rb   | Mono   | 100 ul |
| ab181593 | Anti- <b>Cyclin B1</b> antibody [EPR17060]         | Rb   | Mono   | 100 ul |

## Neuroscience

| Cat no   | Product                                                                     | Host | Clonal | Size   |
|----------|-----------------------------------------------------------------------------|------|--------|--------|
| ab254264 | Anti- <b>MAP2</b> antibody [EPR22641-16]                                    | Rb   | Mono   | 100 ul |
| ab207175 | Anti- <b>Doublecortin</b> antibody [EPR19997]                               | Rb   | Mono   | 100 ul |
| ab68428  | Anti- <b>GFAP</b> antibody [EPR1034Y]                                       | Rb   | Mono   | 100 ul |
| ab77924  | Anti- <b>Parkin</b> antibody [PRK8]                                         | Ms   | Mono   | 100 ug |
| ab238135 | Anti- <b>PSD95</b> antibody [EPR23124-118]                                  | Rb   | Mono   | 100 ul |
| ab18258  | Anti- <b>PSD95</b> antibody                                                 | Rb   | Poly   | 100 ug |
| ab92494  | Anti- <b>SOX2</b> antibody [EPR3131]                                        | Rb   | Mono   | 100 ul |
| ab179463 | Anti- <b>AKT1 + AKT2 + AKT3</b> antibody [EPR16798]                         | Rb   | Mono   | 100 ul |
| ab300473 | Anti- <b>AKT3 + AKT2 + AKT1</b> antibody [RM1043]                           | Rb   | Multi  | 100 ul |
| ab32505  | Anti- <b>AKT3 + AKT2 + AKT1</b> antibody [Y89]                              | Rb   | Mono   | 100 ul |
| ab81283  | Anti- <b>AKT1 (phospho S473)</b> antibody [EP2109Y]                         | Rb   | Mono   | 100 ul |
| ab192623 | Anti- <b>AKT1 (pS473) + AKT2 (pS474) + AKT3 (pS472)</b> antibody [EPR18853] | Rb   | Mono   | 100 ul |
| ab133458 | Anti- <b>AKT1 (phospho S129)</b> antibody [EPR6150]                         | Rb   | Mono   | 100 ul |
| ab32047  | Anti- <b>AMPK alpha 1</b> antibody [Y365]                                   | Rb   | Mono   | 100 ul |

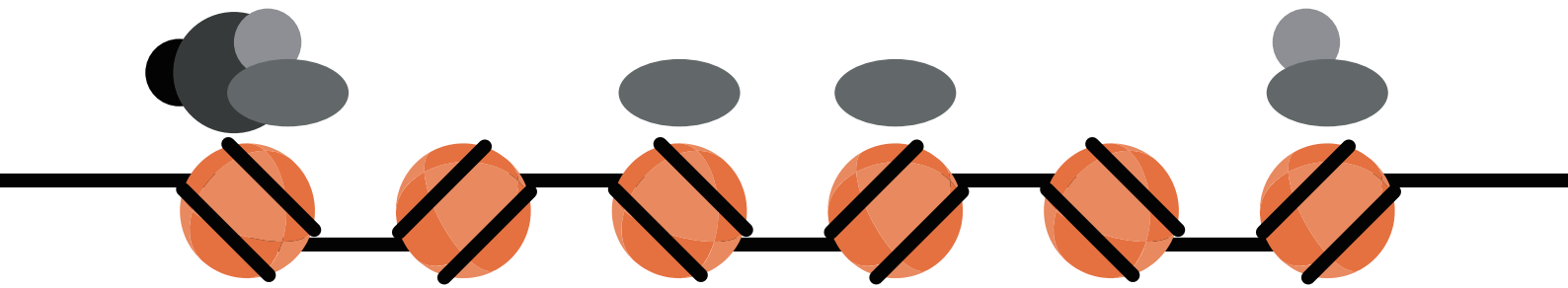
## Loading Control

| Cat no   | Product                                          | Host | Clonal | Size   |
|----------|--------------------------------------------------|------|--------|--------|
| ab7291   | Anti- <b>alpha Tubulin</b> antibody [DM1A]       | Ms   | Mono   | 100 ul |
| ab52866  | Anti- <b>alpha Tubulin</b> antibody [EP1332Y]    | Rb   | Mono   | 100 ul |
| ab179484 | Anti- <b>alpha Tubulin (acetyl K40)</b> antibody | Rb   | Mono   | 100 ul |
| ab6046   | Anti- <b>beta Tubulin</b> antibody               | Rb   | Poly   | 100 ug |
| ab52901  | Anti- <b>beta Tubulin</b> antibody [EP1331Y]     | Rb   | Mono   | 100 ul |

| Cat no   | Product                                             | Host | Clonal | Size   |
|----------|-----------------------------------------------------|------|--------|--------|
| ab134175 | Anti- <b>Cyclin D1</b> antibody [EPR2241]           | Rb   | Mono   | 100 ul |
| ab289546 | Anti- <b>Cyclin D3/CCND3</b> antibody [1/Cyclin D3] | Rb   | Mono   | 100 ug |
| ab33911  | Anti- <b>Cyclin E1</b> antibody [EP435E]            | Rb   | Mono   | 100 ul |
| ab92552  | Anti- <b>PCNA</b> antibody [EPR3821]                | Rb   | Mono   | 100 ul |
| ab29     | Anti- <b>PCNA</b> antibody [PC10]                   | Ms   | Mono   | 100 ug |
| ab40768  | Anti- <b>Raptor</b> antibody [EP539Y]               | Rb   | Mono   | 100 ul |
| ab16667  | Anti- <b>Ki67</b> antibody [SP6]                    | Rb   | Mono   | 100 ul |
| ab15580  | Anti- <b>Ki67</b> antibody                          | Rb   | Poly   | 100 ug |
| ab109520 | Anti- <b>p21</b> antibody [EPR362]                  | Rb   | Mono   | 100 ul |
| ab109199 | Anti- <b>p21</b> antibody [EPR3993]                 | Rb   | Mono   | 100 ul |
| ab32034  | Anti- <b>p27 KIP 1</b> antibody [Y236]              | Rb   | Mono   | 100 ul |
| ab62364  | Anti- <b>p27 KIP 1 (phospho S10)</b> antibody       | Rb   | Mono   | 100 ul |

| Cat no   | Product                                                                         | Host | Clonal | Size   |
|----------|---------------------------------------------------------------------------------|------|--------|--------|
| ab271188 | Anti- <b>AMPK alpha 1</b> antibody [EPR24413-70]                                | Rb   | Mono   | 100 ul |
| ab207442 | Anti- <b>AMPK alpha 1 + AMPK alpha 2</b> antibody                               | Rb   | Mono   | 100 ul |
| ab80039  | Anti- <b>AMPK alpha 1 + AMPK alpha 2</b> antibody                               | Ms   | Mono   | 50 ug  |
| ab133448 | Anti- <b>AMPK alpha 1 (phospho T183) + AMPK alpha 2 (phospho T172)</b> antibody | Rb   | Mono   | 100 ul |
| ab92701  | Anti- <b>AMPK alpha 1 (phospho S496)</b> antibody                               | Rb   | Mono   | 100 ul |
| ab109402 | Anti- <b>AMPK alpha 2 (phospho S491)</b> antibody                               | Rb   | Mono   | 100 ul |
| ab52627  | Anti- <b>Notch1</b> antibody [EP1238Y]                                          | Rb   | Mono   | 100 ul |
| ab62368  | Anti- <b>GSK3 (alpha + beta)</b> antibody [EP933Y]                              | Rb   | Mono   | 100 ul |
| ab185141 | Anti- <b>GSK3 beta + GSK3 alpha</b> antibody                                    | Rb   | Mono   | 100 ul |
| ab32391  | Anti- <b>GSK3 beta</b> antibody [Y174]                                          | Rb   | Mono   | 100 ul |
| ab280376 | Anti- <b>GSK3 beta</b> antibody [7/GSK-3b]                                      | Ms   | Mono   | 100 ug |
| ab75814  | Anti- <b>GSK3 beta (phospho S9)</b> antibody                                    | Rb   | Mono   | 100 ul |
| ab68476  | Anti- <b>GSK3 beta (phospho Y216) + GSK3 alpha (phospho Y279)</b> antibody      | Rb   | Mono   | 100 ul |

| Cat no   | Product                                        | Host | Clonal | Size   |
|----------|------------------------------------------------|------|--------|--------|
| ab181602 | Anti- <b>GAPDH</b> antibody [EPR16891]         | Rb   | Mono   | 100 ul |
| ab9485   | Anti- <b>GAPDH</b> antibody                    | Rb   | Poly   | 100 ug |
| ab8226   | Anti- <b>beta Actin</b> antibody [mAbcam 8226] | Ms   | Mono   | 100 ug |
| ab8227   | Anti- <b>beta Actin</b> antibody               | Rb   | Poly   | 50 ug  |
| ab213262 | Anti- <b>beta Actin</b> antibody [EPR21241]    | Rb   | Poly   | 100 ul |



## Epigenetics

| Cat no   | Product                                            | Host | Clonal | Size   |
|----------|----------------------------------------------------|------|--------|--------|
| ab201456 | Anti- <b>Histone H3</b> antibody [EPR17785]        | Rb   | Mono   | 100 ul |
| ab109411 | Anti- <b>HDAC1</b> antibody [EPR460(2)]            | Rb   | Mono   | 100 ul |
| ab175187 | Anti- <b>SUZ12</b> antibody [EPR5234(N)]           | Rb   | Mono   | 100 ul |
| ab32024  | Anti- <b>eIF4EBP1</b> antibody [Y329]              | Rb   | Mono   | 100 ul |
| ab75767  | Anti- <b>eIF4EBP1 (phospho T37)</b> antibody       | Rb   | Mono   | 100 ul |
| ab4729   | Anti- <b>Histone H3 (acetyl K27)</b> antibody      | Rb   | Poly   | 100 ug |
| ab177178 | Anti- <b>Histone H3 (acetyl K27)</b> antibody      | Rb   | Mono   | 100 ul |
| ab81299  | Anti- <b>gamma H2A.X (phospho S139)</b> antibody   | Rb   | Mono   | 100 ul |
| ab14955  | Anti- <b>Histone H3 (phospho S10)</b> antibody     | Ms   | Mono   | 100 ug |
| ab193203 | Anti- <b>Histone H2A (ubiquityl K119)</b> antibody | Rb   | Mono   | 100 ul |
| ab270980 | Anti- <b>ATF-4</b> antibody [EPR24346-182]         | Rb   | Mono   | 100 ul |
| ab32420  | Anti- <b>ATM</b> antibody [Y170]                   | Rb   | Mono   | 100 ul |
| ab201022 | Anti- <b>ATM</b> antibody [EPR20100]               | Rb   | Mono   | 100 ul |
| ab75748  | Anti- <b>EEF2/Elongation factor 2</b> antibody     | Rb   | Mono   | 100 ul |

| Cat no   | Product                                            | Host | Clonal | Size   |
|----------|----------------------------------------------------|------|--------|--------|
| ab191080 | Anti- <b>KMT6 / EZH2</b> antibody [EPR9307(2)]     | Rb   | Mono   | 100 ul |
| ab189494 | Anti- <b>SIRT1</b> antibody [EPR18239]             | Rb   | Mono   | 100 ul |
| ab176877 | Anti- <b>Histone H3 (mono methyl K4)</b> antibody  | Rb   | Mono   | 100 ul |
| ab32356  | Anti- <b>Histone H3 (di methyl K4)</b> antibody    | Rb   | Mono   | 100 ul |
| ab213224 | Anti- <b>Histone H3 (tri methyl K4)</b> antibody   | Rb   | Mono   | 100 ul |
| ab176880 | Anti- <b>Histone H3 (mono methyl K9)</b> antibody  | Rb   | Mono   | 100 ul |
| ab176882 | Anti- <b>Histone H3 (di methyl K9)</b> antibody    | Rb   | Mono   | 100 ul |
| ab176916 | Anti- <b>Histone H3 (tri methyl K9)</b> antibody   | Rb   | Mono   | 100 ul |
| ab24684  | Anti- <b>Histone H3 (di methyl K27)</b> antibody   | Rb   | Poly   | 100 ug |
| ab192985 | Anti- <b>Histone H3 (tri methyl K27)</b> antibody  | Rb   | Mono   | 100 ul |
| ab177183 | Anti- <b>Histone H3 (mono methyl K9)</b> antibody  | Rb   | Mono   | 100 ul |
| ab3594   | Anti- <b>Histone H3 (mono methyl K79)</b> antibody | Rb   | Mono   | 100 ug |
| ab177184 | Anti- <b>Histone H3 (di methyl K79)</b> antibody   | Rb   | Mono   | 100 ul |
| ab208189 | Anti- <b>Histone H3 (tri methyl K79)</b> antibody  | Rb   | Mono   | 100 ul |

## Cytoskeleton

| Cat no   | Product                                              | Host | Clonal | Size   |
|----------|------------------------------------------------------|------|--------|--------|
| ab124979 | Anti- <b>Cofilin</b> antibody [EPR6375]              | Rb   | Mono   | 100 ul |
| ab42824  | Anti- <b>Cofilin</b> antibody                        | Rb   | Poly   | 100 ug |
| ab129002 | Anti- <b>Vinculin</b> antibody [EPR8185]             | Rb   | Mono   | 100 ul |
| ab7817   | Anti- <b>alpha smooth muscle Actin</b> antibody      | Ms   | Mono   | 100 ug |
| ab124964 | Anti- <b>alpha smooth muscle Actin</b> antibody      | Rb   | Mono   | 100 ul |
| ab314908 | Anti- <b>Connexin 43 / GJA1</b> antibody [RM1071]    | Rb   | Multi  | 100 ul |
| ab92721  | Anti- <b>Myosin Light Chain 2</b> antibody [EPR3741] | Rb   | Mono   | 100 ul |
| ab92547  | Anti- <b>Vimentin</b> antibody [EPR3776]             | Rb   | Mono   | 100 ul |

| Cat no   | Product                                             | Host | Clonal | Size   |
|----------|-----------------------------------------------------|------|--------|--------|
| ab128870 | Anti- <b>Fatty Acid Synthase</b> antibody [EPR7466] | Rb   | Mono   | 100 ul |
| ab22759  | Anti- <b>Fatty Acid Synthase</b> antibody           | Rb   | Poly   | 100 ug |
| ab32084  | Anti- <b>Paxillin</b> antibody [Y113]               | Rb   | Mono   | 100 ul |
| ab7291   | Anti- <b>alpha Tubulin</b> antibody [DM1A]          | Ms   | Mono   | 100 ug |
| ab52866  | Anti- <b>alpha Tubulin</b> antibody [EP1332Y]       | Rb   | Mono   | 100 ul |
| ab179484 | Anti- <b>alpha Tubulin (acetyl K40)</b> antibody    | Rb   | Mono   | 100 ul |
| ab6046   | Anti- <b>beta Tubulin</b> antibody                  | Rb   | Poly   | 100 ul |
| ab52901  | Anti- <b>beta Tubulin</b> antibody [EP1331Y]        | Rb   | Mono   | 100 ul |

## Sample Preparation

| Cat no   | Product                     | Size            |
|----------|-----------------------------|-----------------|
| ab287853 | BCA Protein Assay Kit II    | 2500, 5000 test |
| ab156034 | 10X RIPA Buffer             | 15 ml           |
| ab271306 | Protease Inhibitor Cocktail | 3, 10, 30 ml    |

| Cat no   | Product                                | Size         |
|----------|----------------------------------------|--------------|
| ab113474 | Nuclear Extraction Kit                 | 100 test     |
| ab65320  | Mitochondria/Cytosol Fractionation Kit | 25, 100 Test |

