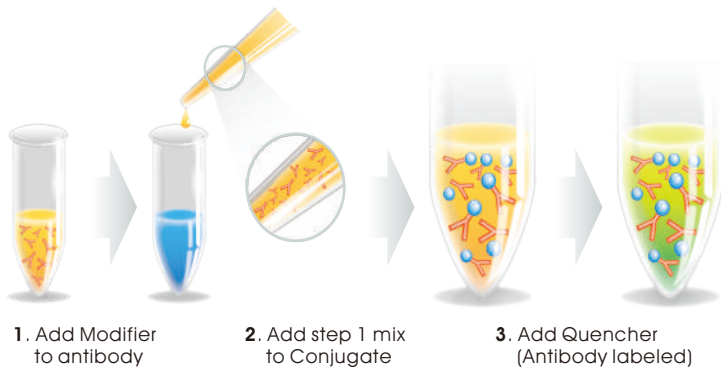


Lightning-Link[®] (蛋白質/抗體) 標定試劑

 <p>螢光分子 Alexa Fluor, Cy3, FITC, PE</p>	 <p>酵素 AP, GOx, HRP</p>	 <p>生物分子 Biotin, Streptavidin, Oligo</p>	 <p>奈米粒子 Gold, Latex, Magnetic bead</p>	 <p>金屬同位素 Eu, Gd, Ho, Nd, Pr, Sm, Yb</p>	 <p>TRF 螯合物 Europium chelate</p>
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由 Expedeon (part of Abcam) 開發之 Lightning-Link[®] 系列標定試劑產品具有 **100% 抗體回收率**、**流程簡便快速**、**抗體需求量低**等多項優勢特點，從**螢光染料**、**酵素**、**Biotin**、**Streptavidin**、**奈米金**，到**乳膠微粒**、**磁珠**、**鑷系金屬同位素**、**時差性螢光螯合物**、**寡核苷酸**等標誌物，皆能協助科研人員迅速高效地完成抗體(或蛋白質)標定實驗，是 FACS, ELISA, IHC, WB, Lateral flow 等應用實驗的絕佳研究工具。



Lightning-Link[®] Conjugation Kits are quick and easy to use.

- Step 1.** Add Modifier reagent to purified antibodies;
- Step 2.** Add step 1 mixture to Conjugation Mix vial;
- Step 3.** Add Quencher reagent. Antibodies are labeled and ready for use (do not require further purification).

100%

100% 抗體回收率

30 sec

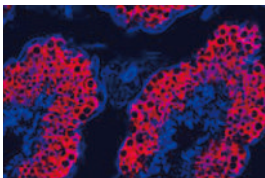
30 秒手動操作時間

20 min

20 分鐘完成標定反應
*FAST conjugation kit

10 μg

10 μg 抗體即可進行標定



DyLight[®] 550 Conjugation Kit (Fast) - Lightning-Link[®] (ab201800)



Advantages, tips and testimonials



FAQ



螢光分子標定試劑

Conjugate	Ex/Em	Cat. No.
Dylight® 405 (Fast)	■ 400/420	ab201798 (A)
Dylight® 350 (Fast)	■ 353/432	ab201797 (A)
AMCA (Fast)	■ 350/445	ab195224 (A)
Atto 390	■ 388/468	ab269895 (C)
Dylight® 488 (Fast)	■ 493/518	ab201799 (A)
Alexa Fluor® 488	■ 495/519	ab236553 (A)
FITC (Fast)	■ 495/519	ab188285 (A)
FITC	■ 495/519	ab102884 (A)
Atto 488	■ 504/530	ab269896 (A)
Cy3® (Fast)	■ 548/561	ab188287 (A)
Alexa Fluor® 555	■ 555/565	ab269820 (A)
B-PE	■ 546/575	ab102871 (E)
R-PE	■ 565/575	ab102918 (D)
Dylight® 550 (Fast)	■ 562/576	ab201800 (A)
Rhodamine (Fast)	■ 561/588	ab188286 (A)
Atto 565	■ 570/598	ab269897 (C)
Alexa Fluor® 568	■ 578/603	ab269821 (A)
Texas Red® (Fast)	■ 595/613	ab195225 (A)
PE/Texas Red	■ 565/616	ab269899 (B)
Alexa Fluor® 594	■ 590/617	ab269822 (A)
Dylight® 594 (Fast)	■ 593/618	ab201801 (A)
PE/Atto 594	■ 565/632	ab269900 (B)
Dylight® 633 (Fast)	■ 638/658	ab201802 (A)
Atto 633	■ 634/660	ab269898 (A)
APC	■ 650/660	ab201807 (A)
Cy5® (Fast)	■ 647/665	ab188288 (A)
Alexa Fluor® 647	■ 650/665	ab269823 (A)
PE/Cy5®	■ 565/666	ab102893 (B)
Dylight® 650 (Fast)	■ 654/673	ab201803 (A)
PerCP	■ 477/678	ab102907 (A)
FluoProbes 647H	■ 650/684	ab269904 (A)
PE/Cy5.5®	■ 565/693	ab102899 (B)
PerCP/Cy5.5®	■ 477/694	ab102911 (A)
APC/Cy5.5®	■ 650/694	ab102855 (A)
Cy5.5	■ 675/694	ab269891 (C)
Dylight® 680 (Fast)	■ 692/712	ab201804 (A)
Alexa Fluor® 700	■ 702/723	ab269824 (F)
APC/Cy7®	■ 650/774	ab102859 (A)
Dylight® 755 (Fast)	■ 754/776	ab201805 (A)
PE/Cy7®	■ 565/778	ab102903 (B)
Dylight® 800 (Fast)	■ 777/794	ab201806 (A)

酵素標定試劑

Conjugate	Cat. No.
Alkaline phosphatase (AP)	ab102850 (A)
Alkaline phosphatase (AP) (Animal Free)	ab269901 (A)
Glucose oxidase (GOx)	ab102887 (F)
Horse radish peroxidase (HRP)	ab102890 (C)

Biotin/Streptavidin/Oligo 標定試劑

Conjugate	Cat. No.
Biotin (Fast, Type A)	ab201795 (A)
Biotin (Fast, Type B)	ab201796 (A)
Streptavidin	ab102921 (A)
Oligonucleotide (10~120 nt in length)	ab218260 (A)

金奈米粒子標定試劑

Conjugate	Cat. No.
Gold nanoparticles (10 nm, 20 OD)	ab201808 (H)
Gold nanoparticles (20 nm, 20 OD)	ab188215 (H)
Gold nanoparticles (40 nm, 20 OD)	ab154873 (H)
Gold nanoparticles (60 nm, 20 OD)	ab188216 (I)
Gold nanoparticles (80 nm, 20 OD)	ab154876 (H)
Gold-Biotin nanoparticle (40 nm, 10 OD)	ab186922 (J)
Gold-Hydrazide nanoparticles (40 nm, 10 OD)	ab188284 (K)
Gold-Maleimide nanoparticles (10nm)	ab269903 (L)
Gold-Maleimide nanoparticles (20nm)	ab269902 (L)
Gold-Oligonucleotide nanoparticles (40 nm, 20 OD)	ab188290* (K)
Gold-Streptavidin nanoparticles (40 nm, 10 OD)	ab186864 (J)

*Conjugate Gold nanoparticles to oligonucleotide (10~120 nt in length).
 ❖另售有多種粒徑尺寸的金奈米粒子產品，詳情請洽伯森生技業務專員

乳膠微粒標定試劑

Conjugate	Cat. No.
Latex nanoparticles (400nm Black)	ab269894 (M)
Latex nanoparticles (400nm Black)	ab269963 (N)
Latex nanoparticles (400nm Blue)	ab269892 (M)
Latex nanoparticles (400nm Blue)	ab269947 (N)
Latex nanoparticles (400nm Red)	ab269893 (M)
Latex nanoparticles (400nm Red)	ab269962 (N)

包裝規格

- (A) 30 µg, 100 µg, 300 µg, 1 mg
- (B) 30 µg, 60 µg, 180 µg, 600 µg
- (C) 30 µg, 100 µg, 300 µg

- (D) 30 µg, 60 µg, 180 µg, 600 µg, 3 mg
- (E) 60 µg, 180 µg, 600 µg
- (F) 30 µg, 300 µg, 1 mg

- (G) 30 µg, 100 µg, 300 µg, 1 mg, 5 mg
- (H) 1 test, 3 tests, 10 tests
- (I) 1 test

磁珠標定試劑

Conjugate	Cat. No.
Magnetic particles (500 nm)	ab269890 [Ⓞ]
Magnetic particles (500 nm)	ab236552 [Ⓟ]

鐳系金屬同位素標定試劑

Conjugate	Cat. No.
141Pr	ab269826 [Ⓞ]
142Nd	ab269827 [Ⓞ]
143Nd	ab269828 [Ⓞ]
144Nd	ab269829 [Ⓞ]
146Nd	ab269830 [Ⓞ]
147Sm	ab269831 [Ⓞ]
148Nd	ab269832 [Ⓞ]
149Sm	ab269833 [Ⓞ]
151Eu	ab269834 [Ⓞ]
152Sm	ab269835 [Ⓞ]
153Eu	ab269836 [Ⓞ]
154Sm	ab269837 [Ⓞ]
156Gd	ab269838 [Ⓞ]
158Gd	ab269839 [Ⓞ]
159Tb	ab269840 [Ⓞ]
160Gd	ab269841 [Ⓞ]
164Dy	ab269843 [Ⓞ]
165Ho	ab269844 [Ⓞ]
166Er	ab269845 [Ⓞ]
167Er	ab269846 [Ⓞ]
168Er	ab269847 [Ⓞ]
169Tm	ab269848 [Ⓞ]
170Er	ab269849 [Ⓞ]
171Yb	ab269850 [Ⓞ]
172Yb	ab269851 [Ⓞ]
174Yb	ab269852 [Ⓞ]
175Lu	ab269853 [Ⓞ]
176Yb	ab269854 [Ⓞ]

TRF 時差性螢光螯合物標定試劑

Conjugate	Cat. No.
Europium chelate microspheres (200 nm)	ab269889 [Ⓜ]
Europium chelate microspheres (200 nm)	ab269946 [Ⓝ]

抗體純化試劑

Product Name	Cat. No.
Antibody Purification Kit (Protein A)	ab102784 [Ⓞ]
Antibody Purification Kit (Protein G)	ab128747 [Ⓞ]
Antibody Serum Purification Kit (Protein A)	ab109209 [Ⓞ]
Antibody TCS Purification Kit	ab109207 [Ⓞ]
BSA Removal Kit (up to 1.25 ml antibody with 0.5% BSA)	ab173231 [Ⓞ]
GOLD antibody purification kit	ab204909 [Ⓞ]
GOLD BSA removal kit	ab204912 [Ⓞ]
GOLD mouse antibody purification kit	ab204910 [Ⓞ]
Mouse Antibody Purification Kit	ab128745 [Ⓞ]
Mouse TCS Purification System	ab128749 [Ⓞ]
Serum Antibody Purification Kit (Protein G)	ab128751 [Ⓞ]

抗體濃縮試劑

Product Name	Cat. No.
Antibody Concentration and Clean Up Kit for Latex & Europium	ab269965 [Ⓢ]
Antibody Concentration Kit (3 columns)	ab102778 [Ⓣ]
GOLD antibody concentration kit	ab204911 [Ⓤ]

[Ⓝ] 200 μ l, 1 ml

[Ⓞ] 1 test, 3 tests

[Ⓟ] 120 μ l, 400 μ l

[Ⓜ] 16 μ g (4 vials x 4 μ g), 40 μ g (10 vials x 4 μ g)

[Ⓝ] 40 μ g (1 vial)

[Ⓞ] 60 μ g (20 μ g x 3 vials), 200 μ g (20 μ g x 10 vials)

[Ⓟ] 200 μ g (1 vial)

[Ⓞ] 10 μ g, 100 μ g

[Ⓞ] 1 ml

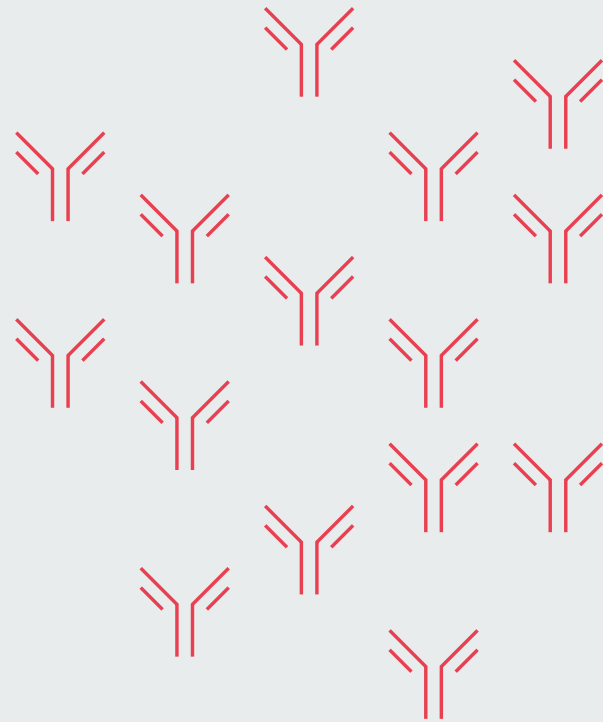
[Ⓢ] 4 units

[Ⓣ] 3 units

[Ⓤ] 3 tests

Carrier-free antibodies and proteins

- × No BSA
- × No azide
- × No glycerol
- ✓ Just antibodies (proteins) + PBS



Carrier-free 無載體系列抗體 (或蛋白質) 產品，僅由抗體 (或蛋白質) 本身與 PBS 所組成，不含 BSA、Sodium azide、Glycerol 等影響標定效率的成分，為標定實驗的最佳理想選擇。詳細產品資訊歡迎洽詢 Abcam 台灣代理 — 伯森生技。



Carrier-free primary antibodies

- 成分不含 BSA、Sodium azide、Glycerol。
- 可與螢光、酵素、奈米粒子等各種標誌物高效率結合。
- 適合多重檢測技術使用，例如 CyTOF、Multiplex IHC 等。
- 1 mg/ml 高濃度包裝。
- 部分商品通過低內毒素檢驗測試 (≤ 1 EU/ml)。



Carrier-free recombinant proteins and peptides

- 成分不含 BSA、Sodium azide、Glycerol。
- 可與螢光、酵素、奈米粒子等各種標誌物高效率結合。
- 適合 ELISA、HPLC、MS、SDS-PAGE、WB 等應用實驗。
- 部分商品通過低內毒素檢驗測試 (≤ 1 EU/ml)。



Carrier-free RabMAb[®] matched antibody pair

- 成分不含 BSA、Sodium azide、Glycerol。
- 可與螢光、酵素、奈米粒子等各種標誌物高效率結合。
- 經實際血清、血漿樣本驗證，具高度專一性與結果再現性。
- 適用於建立 ELISA 實驗。
- 10 x 96 plates 包裝。

