



# 新冠病毒研究工具

abcam

## SARS-CoV-2 病毒抗體

Cat. No.	Product	Application	Note
ab273073*	Anti-SARS-CoV-2 Spike Glycoprotein S1 antibody [CR3022]	ELISA, Neutralising	* [CR3022] 克隆抗體是目前已知唯一能夠與 SARS-CoV-2 病毒產生交叉反應的 SARS-CoV 中和抗體。該克隆抗體抗原決定位位於 SARS-CoV 和 SARS-CoV-2 病毒保守的 RBD 區域 (PMID: 32245784, 32065055) 亦即 SARS-CoV 和 SARS-CoV-2 病毒棘蛋白 S1 區 318-510 aa。[CR3022] 克隆抗體的抗原決定位不與 SARS-CoV-2 病毒棘蛋白 RBD-ACE2 受體結合位點重疊。目前正在測試研究 [CR3022] 克隆抗體聯合其他克隆抗體用以中和 SARS-CoV-2 病毒的可能性 (PMID: 32226289, 32065055, 32383254)。
ab273074*	Anti-SARS-CoV-2 Spike Glycoprotein S1 antibody [CR3022] - Chimeric	ELISA, Neutralising	
ab272504	Anti-SARS-CoV-2 spike glycoprotein antibody - Coronavirus	ELISA, WB	
ab272854	Anti-SARS-CoV-2 spike glycoprotein antibody [H6] - Chimeric	ELISA	
ab273169	Anti-SARS-CoV-2 spike glycoprotein antibody [H6] - Chimeric (HRP)	ELISA	
ab273167	Anti-SARS-CoV-2 nucleocapsid protein antibody	IHC, WB	
ab272852	Anti-SARS-CoV-2 nucleocapsid protein antibody [1A6] - Chimeric	ELISA, WB	
ab273168	Anti-SARS-CoV-2 nucleocapsid protein antibody [1A6] - Chimeric (HRP)	ELISA	
ab272503	Anti-SARS-CoV-2 envelope protein antibody - Coronavirus	ELISA	

## SARS-CoV 病毒抗體

Cat. No.	Product	Application
ab273436	Anti-SARS spike glycoprotein S1 antibody [7G12]	IP, WB
ab273433	Anti-SARS spike glycoprotein antibody [1A9]	ELISA, Flow Cyt, ICC/IF, IP, sELISA, WB
ab272420	Anti-SARS spike glycoprotein antibody [3A2] - Coronavirus	Flow Cyt, ICC/IF, WB
ab252690	Anti-SARS spike glycoprotein antibody - C-terminal	ELISA
ab252691	Anti-SARS spike glycoprotein antibody - N-terminal	ELISA
ab22055	Anti-SARS E antibody	WB
ab31951	Anti-SARS E2 antibody [4A6C9] - Coronavirus	ELISA, WB
ab273434	Anti-SARS Nucleoprotein antibody [6H3]	ELISA, ICC/IF, IP, sELISA, WB
ab181620	Anti-SARS Nsp3 antibody - Coronavirus	EM, ICC/IF, IP, WB

## SARS-CoV-2 病毒蛋白與胜肽

Cat. No.	Product	Sequence	Note
ab273065	Recombinant human coronavirus SARS-CoV-2 Spike Glycoprotein RBD (Active)	319 - 541 aa	活性蛋白 · C 端 His-tag
ab273068	Recombinant human coronavirus SARS-CoV-2 Spike Glycoprotein S1 (Active)	16 - 685 aa	活性蛋白 · C 端 His-tag
ab272107	Recombinant Human coronavirus SARS CoV-2 Nucleoprotein (His tag)	1 - 419 aa	C 端 His-tag
ab272105	Recombinant Human coronavirus SARS-CoV-2 Spike Glycoprotein S1 (Fc Chimera)	1 - 674 aa	C 端 Fc tag
ab272106	Recombinant Human coronavirus SARS-CoV-2 Spike Glycoprotein S2 (Fc Chimera)	685 - 1211 aa	C 端 Fc tag
ab273066	Recombinant Human coronavirus SARS-CoV-2 Spike Glycoprotein RBD (Tagged)	319 - 541 aa	C 端 Fc tag
ab273067	Recombinant human coronavirus SARS-CoV-2 Spike Glycoprotein S1 (Active)	16 - 685 aa	活性蛋白 · C 端 Fc tag
ab273064	Human coronavirus SARS-CoV-2 envelope protein peptide	近 N 端 10 個 aa	Blocking 應用
ab273063	Human coronavirus SARS-CoV-2 spike glycoprotein peptide	S 蛋白 C 末端 50 個 aa 內 20 個 aa	Blocking 應用



## SARS-CoV-2 病毒抗體快檢試劑

Cat. No.	Product
ab272243	Novel Coronavirus IgG Antibody Detection Kit (SARS-CoV-2)
ab272244	Novel Coronavirus IgM Antibody Detection Kit (SARS-CoV-2)



**Novel Coronavirus IgG Antibody Detection Kit (SARS-CoV-2) (ab272243)** is suitable for the qualitative detection of Novel Coronavirus (SARS-CoV-2) IgG antibodies in human serum, plasma, and whole blood. Each cassette is a dry medium that has been coated separately with novel coronavirus N protein ("T" test line) and goat anti-chicken IgY antibody ("C" control line). Two free colloidal gold-labeled antibodies, mouse anti-human IgG (mIgG) and chicken IgY, are in the release pad section. Once diluted serum, plasma, or whole blood is applied to the release pad section, the mIgG antibody will bind to coronavirus IgG antibodies if they are present, forming an IgG-IgG complex. The sample and antibodies will then move across the cassette's medium via capillary action. If coronavirus IgG antibody is present in the sample, the test line (T) will be bound by the IgG-IgG complex and develop color. If there is no coronavirus IgG antibody in the sample, free mIgG will not bind to the test line (T) and no color will develop. The free chicken IgY antibody will bind to the control line (C); this control line should be visible after the detection step as this confirms that the kit is working properly.

## 宿主細胞受體/蛋白酶

Target	Product Type	Cat. No.
<b>ACE2</b> SARS-CoV-2、SARS-CoV 病毒識別的宿主受體	抗體	ab108252
	ELISA 試劑套組 - human	ab235649
	ELISA 試劑套組 - mouse	ab213843
	抗體對 (無載體, 不含 BSA) - human	ab244135
	蛋白質	ab151852
	胜肽	ab198988
<b>CD147</b> SARS-CoV-2 進入宿主細胞的受體	抗體	ab188190
	ELISA 試劑套組 - human	ab219631
	ELISA 試劑套組 - mouse	ab205575
<b>TMPRSS2</b> 切割 SARS-CoV-2、SARS-CoV 病毒棘蛋白, 協助病毒進入宿主細胞	抗體	ab109131
	蛋白質	ab112364
<b>Cathepsin B</b> 切割 SARS-CoV-2、SARS-CoV 病毒棘蛋白, 協助病毒進入宿主細胞	抗體	ab125067
	酵素活性檢測試劑套組	ab65300
	蛋白質	ab90387
	小分子化合物 - inhibitor	ab144048
	小分子化合物 - inhibitor	ab141386
<b>Cathepsin L</b> 切割 SARS-CoV-2、SARS-CoV 病毒棘蛋白, 協助病毒進入宿主細胞	抗體	ab103574
	酵素活性檢測試劑套組	ab65306
	蛋白質	ab174030
<b>DPP4/CD26</b> MERS-CoV 病毒識別的宿主受體	抗體	ab215711
	ELISA 試劑套組 - human	ab252365
	ELISA 試劑套組 - mouse	ab264630
	蛋白質	ab134443
	小分子化合物 - inhibitor	ab141724
	小分子化合物 - inhibitor	ab235551
<b>APN/CD13</b> HCoV-229E 病毒識別的宿主受體	抗體	ab108310
	ELISA 試劑套組 - human	ab239427
	蛋白質	ab134454

## 相關研究靶點抗體

Cat. No.	Product	Note
ab9722	Anti-IL-1 beta antibody	細胞激素風暴
ab92486	Anti-TGF beta 1 antibody	細胞激素風暴
ab1316	Anti-VEGFA antibody [VG-1]	細胞激素風暴
ab1793	Anti-TNF alpha antibody [52B83]	細胞激素風暴
ab208937	Anti-BTK antibody [EPR20445]	TNF $\alpha$ 、IL-6、IL-10 和 MCP-1 等多種細胞激素/趨化因子的關鍵調節蛋白
ab28364	Anti-CD31 antibody	內皮細胞標誌
ab81289	Anti-CD34 antibody [EP373Y]	纖維化與星狀細胞標誌
ab133616	Anti-CD4 antibody [EPR6855]	Th 細胞標誌
ab125212	Anti-CD68 antibody	巨噬細胞活化
ab6640	Anti-F4/80 antibody [Cl:A3-1] - Macrophage Marker	巨噬細胞活化
ab34710	Anti-Collagen I antibody	肺纖維化
ab38898	Anti-MMP9 antibody	纖維化

## 人類細胞激素 ELISA 檢測試劑套組

Cat. No.	Target	Description
ab214025	IL-1 $\beta$	發炎因子, 在 SARS、SARS-CoV-2 病毒感染後上升
ab236895	IFN- $\gamma$	Th1 發炎因子, 在 SARS-CoV、MERS-CoV、SARS-CoV-2 病毒感染後上升
ab173194	IP-10	Th1 趨化因子, 在 SARS 病毒感染後上升, 糖皮質激素處理後下降; SARS-CoV-2 病毒感染後上升
ab179886	MCP-1	趨化因子, 在 SARS 病毒感染後上升, 糖皮質激素處理後下降
ab264627	G-CSF	冠狀病毒感染呼吸道後, 刺激顆粒性白血球增殖
ab214569	MIP1 $\alpha$	SARS-CoV-2 病毒感染後上升
ab181421	TNF $\alpha$	發炎因子, 在 SARS 病毒感染後無顯著差異; 在 SARS-CoV-2 病毒感染後上升
ab215089	IL-4	Th2 發炎因子, 在 SARS 病毒感染後無顯著差異; 在 SARS-CoV-2 病毒感染後上升
ab211650	IL1RA	抑炎因子, 在 SARS 病毒急性重症患者中急劇上升; 在 SARS-CoV-2 病毒感染後上升
ab185984	IL-7	發炎因子, CoV 病毒感染 CNS 後維持淋巴組織中 CD8+ T 細胞穩定和存活; 在 SARS-CoV-2 病毒感染後上升
ab214030	IL-8	嗜中性白血球趨化因子, 在 SARS 病毒感染後上升, 糖皮質激素處理後下降; 在 SARS-CoV-2 病毒感染後上升
ab242237	IL-9	發炎因子, 在病毒誘導重症肝損傷模型中, 小鼠肝炎病毒 strain 3 感染 48-72 小時後表達上升
ab185986	IL-10	Th2 發炎因子, 在 SARS 病毒感染後無顯著差異; 在 SARS-CoV-2 病毒感染後上升
ab246531	Basic FGF/FGF2	FGF2、FGF 信號配體, MERS-CoV 病毒感染後上升, 以及誘發肺、腎細胞凋亡; 在 SARS-CoV-2 病毒感染後上升
ab174448	GM-CSF	冠狀病毒感染 CNS 後上升; 小鼠模型中投以 SARS 病毒抑制藥物利巴韋林後下降; 在 SARS-CoV-2 病毒感染後上升
ab216173	MIP1 $\beta$	HCoV-229E 病毒感染上呼吸道後分泌; 在 SARS-CoV-2 病毒感染後上升
ab184860	PDGF BB	在肺炎支原體引起的肺炎中上升; 在 SARS-CoV-2 病毒感染後上升
ab222510	VEGF	生長因子, 誘導內皮細胞增殖、促進增殖、抑制凋亡、誘導血管通透, Intraocular CoV 病毒感染後在視網膜退變期表達上升, 在 SARS-CoV-2 病毒感染後上升

## 人類細胞激素活性重組蛋白

Cat. No.	Cytokine	Purity	Expression system	Endotoxin level	Carrier free (PBS only)	Reconstitution
ab259377	IFN- $\gamma$	$\geq 95\%$ SDS-PAGE; $\geq 95\%$ HPLC	HEK 293 cells	$< 0.005$ Eu/ $\mu$ g	Yes	PBS
ab259381	IL-6	$\geq 95\%$ SDS-PAGE; $\geq 95\%$ HPLC	HEK 293 cells	$< 0.005$ Eu/ $\mu$ g	Yes	PBS
ab259382	IL-7	$\geq 95\%$ SDS-PAGE; $\geq 95\%$ HPLC	HEK 293 cells	$< 0.005$ Eu/ $\mu$ g	Yes	PBS
ab259387	IL-1 $\beta$	$\geq 95\%$ SDS-PAGE; $\geq 95\%$ HPLC	HEK 293 cells	$< 0.005$ Eu/ $\mu$ g	Yes	PBS
ab259410	TNF $\alpha$	$\geq 95\%$ SDS-PAGE; $\geq 95\%$ HPLC	HEK 293 cells	$< 0.005$ Eu/ $\mu$ g	Yes	PBS
ab259418	IL-12	$\geq 95\%$ SDS-PAGE; $\geq 95\%$ HPLC	HEK 293 cells	$< 0.005$ Eu/ $\mu$ g	Yes	PBS

## 人類抗體 ELISA 檢測試劑套組

Cat. No.	Product
ab195215	Human IgG ELISA Kit
ab214568	Human IgM ELISA Kit

## 蛋白質/抗體標定試劑

Product Type	Product	Cat. No.
金奈米粒子標定試劑	GOLD Conjugation Kit (10 nm 20OD)	ab201808
	GOLD Conjugation Kit (20nm, 20OD)	ab188215
	GOLD Conjugation Kit (40nm, 20 OD)	ab154873
	GOLD Conjugation Kit (60nm 20OD)	ab188216
	GOLD Conjugation Kit (80nm, 20 OD)	ab154876
	GOLD-Streptavidin Conjugation Reagent (40nm 10 OD)	ab186864
Biotin 標定試劑	Biotin Conjugation Kit (Fast, Type B)	ab201796



Lightning-Link® 標定試劑產品目錄

## 二級抗體

Product Type	Product	Cat. No.	Note
螢光二抗	Goat Anti-Human IgG Fc (FITC)	ab97224	DyLight® is a trademark of Thermo Fisher Scientific Inc. and its subsidiaries. Alexa Fluor® is a registered trademark of Life Technologies. Alexa Fluor® is a registered trademark of Life Technologies. Alexa Fluor® dye conjugates contain(s) technology licensed to Abcam by Life Technologies.
	Goat Anti-Human IgG H&L (FITC)	ab6854	
	Goat Anti-Human IgG H&L (DyLight® 488)	ab96907	
	Rabbit Anti-Human IgM mu chain (Alexa Fluor® 488)	ab150189	
HRP 二抗	Mouse monoclonal [HP6025] Anti-Human IgG4 Fc (HRP)	ab99823	
	Goat Anti-Human IgG Fc (HRP)	ab97225	
	Rabbit Anti-Human IgG H&L (HRP)	ab6759	
	Goat Anti-Human IgM mu chain (HRP)	ab97205	
	Goat Anti-Human IgG Fc (HRP) preadsorbed	ab98624	
	Goat Anti-Human IgG + IgM + IgA H&L (HRP)	ab102420	
	Goat Anti-Human IgM mu chain (HRP) preadsorbed	ab98549	
Biotin 二抗	Rabbit Anti-Human IgG H&L (Biotin) preadsorbed	ab7159	
	Mouse monoclonal [UHB] Anti-Human IgM mu chain (Biotin)	ab99745	
無標記二抗	Goat Anti-Human IgG Fc	ab97221	
	Mouse monoclonal [UHB] Anti-Human IgM mu chain	ab99741	
	Rabbit monoclonal [H1 69-1-5] Anti-Human IgG Fc	ab125909	



Information and products associated with novel coronavirus research

歡迎前往 Abcam 網站瀏覽更多 COVID-19 研究產品資訊。  
完整產品資訊與最新活動訊息，歡迎洽詢 Abcam 台灣代理 — 伯森生技。

