

IHC 產品目錄

catalogue

免疫組織化學染色 (IHC) 是使用抗體檢測組織切片中蛋白質和與目標抗原定位的實驗方法。Abcam 提供多樣化的 IHC 實驗試劑，滿足您的各種實驗需求。

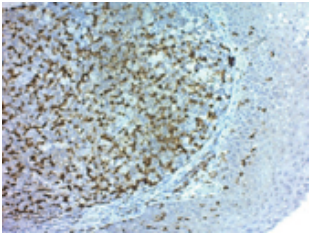
Category	Product	Size	Cat no.
抗原修復試劑 Antigen retrieval	Antigen Retrieval Buffer (100X Citrate Buffer)	125, 250 ml	ab93678
	Antigen Retrieval Buffer (100X Tris-EDTA Buffer, pH 9.0)	125, 250 ml	ab93684
	Antigen Retrieval Buffer (100X EDTA Buffer, pH 8.0)	125, 250 ml	ab93680
	Antigen Retrieval Buffer (100X Tris Buffer, pH 10.0)	125, 250 ml	ab93682
	10x EDTA Buffer pH 8.0	125 ml	ab64216
	Universal HIER (heat-induced epitope retrieval) antigen retrieval reagent (10X)	100 ml	ab208572
	Trypsin Antigen Retrieval Solution	25 ml	ab970
	Trypsin Antigen Retrieval Kit	1 kit	ab259256
	Proteinase K Antigen Retrieval Solution	4 ml	ab64220
	Pepsin Solution (Antigen Retrieval)	7 ml	ab64201
阻斷劑 Blocking reagent	HistoReveal, Proteolytic antigen retrieval	15 ml	ab103720
	Antibody Diluent	125 ml	ab64211
	Avidin/Biotin Blocking Kit	15 ml	ab64212
	Hydrogen Peroxide Blocking Reagent	60, 125 ml	ab64218
	Protein Block (IHC-P, ELISA, WB)	125 ml	ab64226
	Protein Block (IHC-P, IHC-Fr, ELISA, WB)	60 ml	ab156024
	Normal Bovine Calf Serum (sterile)	25 ml	ab7479
	Normal Chicken Serum (sterile)	25 ml	ab7477
	Normal Donkey Serum	10, 25 ml	ab7475
	Normal Goat Serum	10, 50 ml	ab7481
阻斷血清 Blocking serum	Normal Goat Serum (Sterile)	50 ml	ab138478
	Normal Horse Serum	25 ml	ab7484
	Normal Horse Serum (sterile)	50 ml	ab139501
	Normal Mouse Serum (sterile)	10 ml	ab7486
	Normal Rabbit Serum	10 ml	ab166640
	Normal Rabbit Serum (Sterile)	25 ml	ab7487
	Normal Rat Serum	10, 50 ml	ab7488
	Normal Sheep Serum (sterile)	10, 50 ml	ab7489

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IHC detection kit 呈色劑&訊號放大試劑

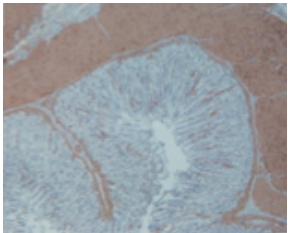
Micro-polymer IHC detection kit (ab236469)



ab236469 Rabbit Specific HRP-DAB IHC Detection Kit - Micro-Polymer on Human Tonsil staining CD3

- ▶ 高靈敏度：試劑盒內含 HRP Micro-polymer 二級抗體，利用專利技術使二級抗體與多個 HRP 酵素結合，因此靈敏度高於傳統的 ABC 方法，並且 Micro-polymer 相較於傳統 Polymer 分子更小，更容易穿透組織，大幅提升靈敏度。
- ▶ 低背景值：Micro-polymer 方法不會被檢體中內生性的 Biotin 干擾，因此實驗背景值較傳統 ABC 方法低。

Mouse on Mouse polymer IHC kit (ab269452)

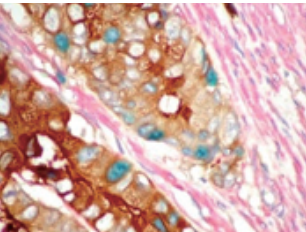


Mouse on mouse polymer IHC kit ab269452 was tested using an anti-actin mouse monoclonal on formalin-fixed paraffin embedded mouse tissue sections.

- ▶ 有效降低背景干擾：ab269452 允許小鼠來源抗體用於小鼠組織，內含 Fab' Anti-mouse IgG (H+L) 阻斷試劑可以阻斷內源性小鼠 IgG，並且搭配使用只具有 Fab 片段的抗小鼠二抗，此二抗不會與 B 細胞、漿細胞和巨噬細胞上的 Fc 受體結合，因此可以有效降低背景值。
- ▶ 高靈敏度：使用 HRP-polymer，可有效放大訊號，染色清晰降低訊噪比。

Multi-color IHC detection kit 多重染色試劑

- ▶ 實驗簡單好上手：完整的試劑組合搭配優化過的實驗流程，讓您輕鬆簡單進行多重染色！
- ▶ 有效降低背景干擾：使用 HRP-polymer 或 AP-polymer 方法，不被檢體內生性的 Biotin 干擾。
- ▶ 輕鬆放大訊號：使用 HRP-polymer 或 AP-polymer，有效放大訊號，染色清晰、訊噪比低。
- ▶ 多種呈色劑組合任您選：有 DAB、Emerald、Permanent Red、DAB-Ni 等呈色劑可以自由搭配。
- ▶ 可使用同一物種來源的抗體：有效阻斷內源性 IgG，讓小鼠來源的抗體也可以應用在小鼠的組織。



Immunohistochemical analysis of paraffin embedded human colon cancer tissue. Mouse anti-smooth muscle actin (red), rabbit anti-CEA (brown), mouse anti-PCNA (emerald)

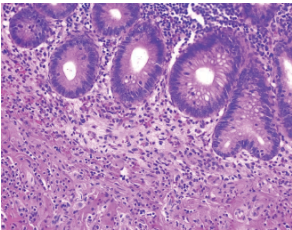
Category	Product	Size	Cat no.
Detection	Mouse and Rabbit Specific HRP/DAB (ABC) Detection IHC Kit	15 ml	ab64264
	Rabbit specific HRP/DAB (ABC) Detection IHC Kit	15 ml	ab64261
	Mouse specific HRP/DAB (ABC) Detection IHC Kit	15 ml	ab64259
	AEC Substrate Kit	125 ml	ab64252
	DAB Substrate Kit	60, 125 ml	ab64238
	Fast Red Substrate Kit	60, 125 ml	ab64254
	Mouse on Mouse Polymer IHC Kit	15, 60 ml	ab269452
	DoubleStain IHC Kit: Rat & Rabbit on human/mouse tissue (Green/HRP & AP/Red)	12, 36, 120 ml	ab183285
	DoubleStain IHC Kit: Goat & Rat on human/mouse tissue (HRP/Green & AP/Red)	12, 36, 120 ml	ab183282
	DoubleStain IHC Kit: Goat & Rat on human/mouse tissue (DAB & AP/Red)	12, 36, 120 ml	ab183280
	Streptavidin (HRP)	500 ug	ab7403

Mounting media & Counterstain 封片膠&複染試劑

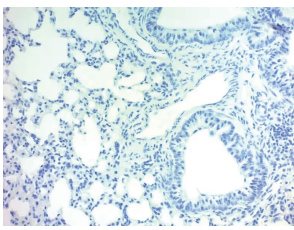
Mounting Medium With DAPI - Aqueous, Fluoroshield (ab104139)

- ▶ 使用方便 : ab104139 內含 DAPI 作為 DNA 的複染劑，不需要額外添加其他細胞核染劑。
- ▶ 有效保留螢光強度：在 4 °C 黑暗的保存條件下，有效防止 FITC、Texas Red、AMCA、Cy2、Cy3、Cy5、Alexa Fluor® 488、Alexa Fluor® 594、GFP、tetramethyly rhodamine、R-PE、Phycocyanin 和 APC 等螢光發生光漂白的情況。
- ▶ 不含苯二胺：苯二胺會破壞 Cy 染料、R-PE、PC 和 APC 的螢光。

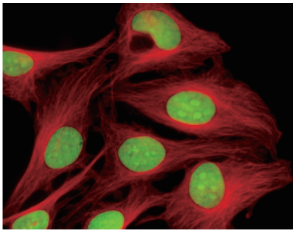
Category	Product	Size	Cat no.
Mounting Media	Glycerol Mounting Medium - Anti-Fade with DAPI	20, 100 ml	ab188804
	Mounting Medium for IHC - Aqueous	125 ml	ab64230
	Anti-Fade Fluorescence Mounting Medium - Aqueous, Fluoroshield	20, 100, 250, 1000 ml	ab104135
	Mounting Medium With DAPI - Aqueous, Fluoroshield	10, 100 ml	ab104139
	Mounting Medium With PI - Aqueous, Fluoroshield	20, 100 ml	ab104129
	Limonene Mounting Medium	30 ml	ab104141
Counterstain	Hematoxylin Solution (Mayer's, Modified)	125, 500 ml	ab220365
	H&E Staining Kit (Hematoxylin and Eosin)	1 kit	ab245880
阻水筆	PAP pen	1 ea	ab2601



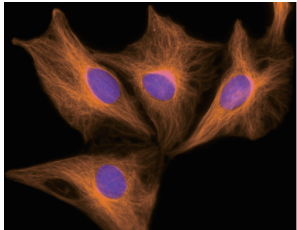
ab245880 H&E Staining Kit



ab220365 Hematoxylin Solution



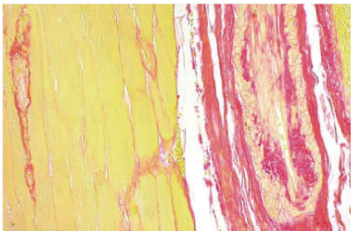
ab138905 Nuclear Green DCS1



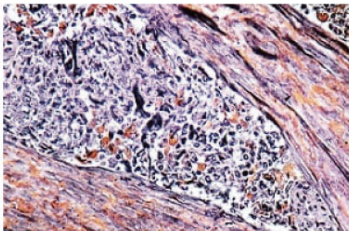
ab138903 Hoechst S769121

Special Stains 特殊染劑

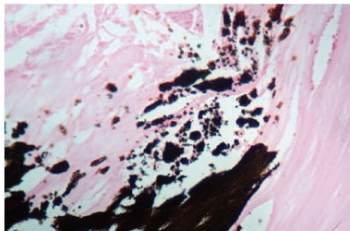
Category	Product	Size	Cat no.
Tissue Staining kit	Elastic Stain Kit (Verhoeff Van Gieson / EVG Stain)	100 tests	ab150667
	Fontana-Masson Stain Kit (Melanin Stain)	100 tests	ab150669
	Periodic Acid Schiff (PAS) Stain Kit (Mucin Stain)	100 tests	ab150680
	Picro Sirius Red Stain Kit (Connective Tissue Stain)	100 tests	ab150681
	Phosphotungstic Acid Hematoxylin (PTAH) Stain Kit (Connective Tissue Stain)	100 tests	ab150683
	Trichrome Stain Kit (Connective Tissue Stain)	100 tests	ab150686
	Von Kossa Stain Kit (Calcium Stain)	100 tests	ab150687
	Lipid Staining Kit	24 tests	ab287838
	Oil Red O Stain Kit (Lipid Stain)	100 tests	ab150678



Picro Sirius Red Stain Kit (Connective Tissue Stain) (ab150681)



Phosphotungstic Acid Hematoxylin (PTAH) Stain Kit (Connective Tissue Stain) (ab150683)



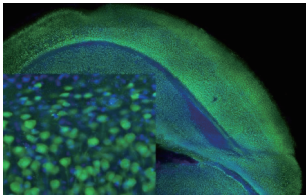
Von Kossa Stain Kit (Calcium Stain) (ab150687)

Tissue Clearing Kit 組織透明試劑套組

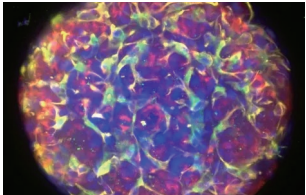
組織透明化技術 (Tissue clearing) 是克服在顯微鏡下觀察的不透明性，使組織或細胞透明化的技術。

- ▶ 透化方法具回復性，不會對組織造成永久性損害，允許在三維影像拍攝後對組織進行回復處理。
- ▶ 處理過後仍可進行 H&E 染色或其他化學染色，不會對染色訊號呈現造成干擾，與各種染劑相容。

Category	Product	Size	Cat no.
Tissue cleaning kit	Tissue Clearing Kit - hydrophobic	15, 30 ml	ab243298
	3D Cell Culture Clearing Kit - hydrophobic	15, 30 ml	ab243299



NeuN antibody (ab177487) (green) and DAPI (blue) used with our Tissue Clearing Kit (ab243298) to clear and stain a 1 mm thick coronal section of mouse brain.



Albumin antibody (ab207327) (yellow), CD68 antibody (green), Vimentin antibody (red), and DAPI (blue) used with 3D Cell Culture Clearing Kit (ab243299) to clear and stain a 3D hepatocyte cell culture spheroid.

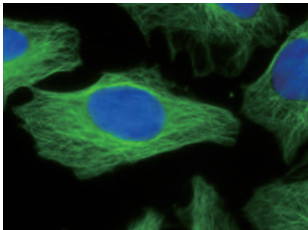
Sencondary Antibody 二級抗體

Category	Product	Size	Cat no.
Anti-Rabbit	Goat Anti-Rabbit IgG H&L (HRP)	1 mg	ab6721
	Goat Anti-Rabbit IgG H&L (HRP)	1 mg	ab97051
	Goat Anti-Rabbit IgG H&L (HRP)	500 ug	ab205718
Anti-Mouse	Rabbit Anti-Mouse IgG H&L (HRP)	1 mg	ab6728
	Goat Anti-Mouse IgG H&L (HRP)	1 mg	ab6789
	Goat Anti-Mouse IgG H&L (HRP)	1 mg	ab97023
	Goat Anti-Mouse IgG H&L (HRP)	500 ug	ab205719
Anti-Goat	Rabbit Anti-Goat IgG H&L (HRP)	1 mg	ab6741

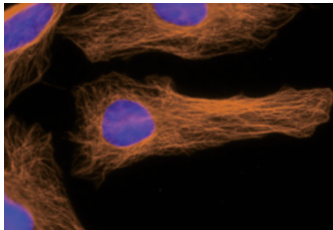
Pre-adsorbed Sencondary Antibody 預吸附二級抗體

預吸附的二級抗體經過了額外的純化步驟，提高專一性同時也降低與其他物種來源抗體的交叉反應。將二級抗體經過固定有血清蛋白 (源自可能產生交叉反應的物種) 的層析管柱，將非專一性的二級抗體保留在管柱內，具有高度專一性的二級抗體則會被純化出來。

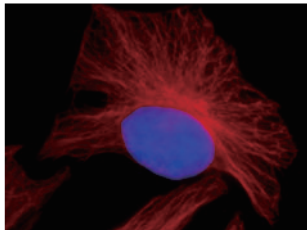
預吸附二級抗體	HRP	Alexa Fluor® 488	Alexa Fluor® 594	Alexa Fluor® 647
Goat Anti-Mouse IgG H&L	ab97040	ab150117	ab150120	ab150119
Goat Anti-Rabbit IgG H&L	ab7090	ab150081	ab150084	ab150083
Goat Anti-Rat IgG H&L	ab7097	ab150165	ab150168	ab150167
Donkey Anti-Goat IgG H&L	ab7125	ab150133	ab150136	ab150135



ab150165 Goat Anti-Rat IgG H&L (Alexa Fluor® 488) preadsorbed



ab150168 Goat Anti-Rat IgG H&L (Alexa Fluor® 594) preadsorbed



ab150135 Donkey Anti-Goat IgG H&L (Alexa Fluor® 647) preadsorbed

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