

IHC 產品目錄

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。



IHC application guide

抗原修復試劑 (Antigen Retrieval)

Universal HIER antigen retrieval reagent (10X) (ab208572)

ab208572 為通用型熱誘導 (HIER) 抗原修復試劑

- ▶ **與各式抗體兼容**：無需嘗試多種抗原修復液 (如 Citrate buffer、EDTA 或 Tris buffer 等)。
- ▶ **效果好**：與傳統抗原修復液相比 (pH 6.0 Citrate buffer)，抗體使用量減少 1 ~ 3 倍。
- ▶ **pH穩定性高**：高溫下 pH 依然穩定，並且內含 pH 指示劑，確保抗原不受 pH 變化影響。
- ▶ **安全性高**：無毒、不易燃、無味且不含疊氮化鈉和硫柳汞。

HistoReveal (ab103720)

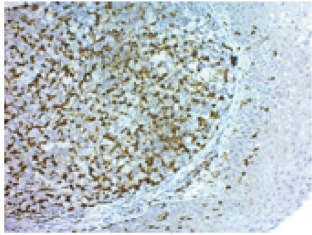
ab103720 為蛋白水解酵素 (PIER) 抗原修復試劑，可取代傳統酵素 (如: Trypsin、Pepsin) 分解因固定產生的過量醛鍵並暴露抗原。

- ▶ **使用方便**：室溫下孵育 5 分鐘即可。
- ▶ **溫和修復**：較傳統酵素 (如: Trypsin、Pepsin) 不傷害組織、不破壞型態。
- ▶ **效果好**：抗體稀釋 5 ~10 倍，也可達到出色染色效果。

Type	Product	Cat. no.
HIER	Universal HIER antigen retrieval reagent (10X)	ab208572
	10x citrate Buffer pH6.0	ab64214
	10x EDTA Buffer pH 8.0	ab64216
	10 x Tris-HCl Buffer for HIER	ab128986
	100x Citrate Buffer pH 6.0	ab64236
	Antigen Retrieval Buffer (100X Citrate Buffer pH 6.0)	ab93678
	Antigen Retrieval Buffer (100X EDTA Buffer. pH 8.0)	ab93680
	Antigen Retrieval Buffer (100X Tris Buffer. pH 10.0)	ab93682
	Antigen Retrieval Buffer (100X Tris-EDTA Buffer. pH 9.0)	ab93684
PIER	HistoReveal (Only 5 min Incubation)	ab103720
	Pepsin Solution (Ready-to-use)	ab64201
	Proteinase K	ab64220
	Trypsin Antigen Retrieval Solution	ab970
	Trypsin Antigen Retrieval Kit	ab259256

呈色劑 / 訊號放大試劑 (Chromogenic Detection in IHC)

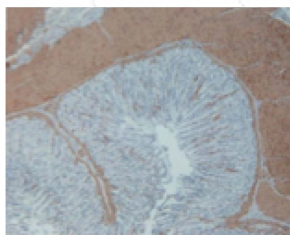
Micro-polymer IHC detection kit



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，有效放大訊號，染色清晰、訊噪比佳。

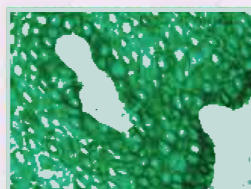
Type	Product	Cat. no.
ABC	Rabbit specific HRP/DAB (ABC) Detection IHC Kit	ab64261
	Mouse and Rabbit Specific HRP/DAB (ABC) Detection IHC kit	ab64264
	Mouse specific HRP/DAB (ABC) Detection IHC Kit	ab64259
	Mouse and Rabbit Specific HRP/AEC (ABC) Detection IHC Kit	ab93705
	Mouse and Rabbit Specific HRP (ABC) Detection IHC Kit	ab93677
	Rabbit specific HRP/AEC (ABC) Detection IHC Kit	ab64260
	Mouse and Rabbit Specific HRP Plus (ABC) Detection IHC Kit	ab93697
	Mouse Specific HRP/AEC (ABC) Detection IHC kit	ab64258
Micro-polymer	Mouse and Rabbit Specific HRP/DAB IHC Detection Kit - Micro-polymer	ab236466
	Mouse and Rabbit Specific HRP/AEC IHC Detection Kit - Micro-polymer	ab236467
	Rabbit specific HRP/AEC IHC Detection Kit - Micro-polymer	ab236468
	Rabbit specific HRP/DAB Detection IHC Detection Kit - Micro-polymer	ab236469

▶ 熱銷產品接續下頁

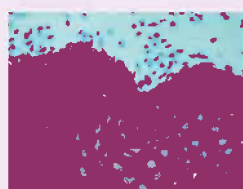
Type	Product	Cat. no.
Mouse on Mouse	Mouse on Mouse Polymer IHC Kit	ab269452
	AEC Substrate Kit	ab64252
	DAB Substrate Kit	ab64238
	Fast Red Substrate Kit	ab64254
	NBT / BCIP Solution - Ready to Use Alkaline Phosphatase chromogen	ab7468
Substrates	StayBlue/AP 30ml (Alcohol and Xylene Substitute Compatible)	ab178453
	StayGreen/AP Plus (Alcohol and Xylene Substitute Compatible)	ab156428
	StayRed/AP 30ml (Alcohol & Xylene Compatible)	ab103741
	StayYellow/HRP	ab169561
	Streptavidin - Alkaline Phosphatase (ready-to-use)	ab246833
	Streptavidin HRP (ready-to-use)	ab64269



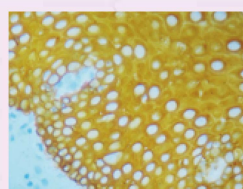
ab178453 StayBlue/AP



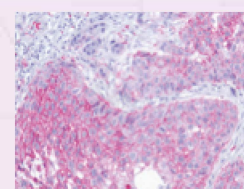
ab156428 StayGreen/AP



ab103741 StayRed/AP



ab169561 StayYellow/HRP

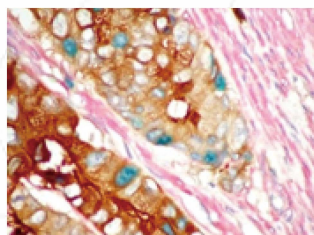


ab64254 Fast Red Substrate Kit

多重染色試劑 (Multicolor IHC kits)

DoubleStain / TripleStain IHC kit

- ▶ **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、訊噪比佳。
- ▶ **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)

Type	Product	Cat. no.
DoubleStain IHC Kit	M&R on human tissue (DAB & AP/Red)	ab210059
	M&R on human tissue (HRP/Green & AP/Red)	ab210061
	M&M on rodent tissue (DAB & AP/Red)	ab183273
	R&Rt on human/mouse tissue (Green/HRP & AP/Red)	ab183285
	G&Rt on human/mouse tissue (HRP/Green & AP/Red)	ab183282
	M&M on rodent tissue (Green/HRP & AP/Red)	ab183275
	G&M on human tissue (BCIP & AEC)	ab183271
	G&M on human tissue (Green/HRP & AP/Red)	ab183272
	G&Rt on human/mouse tissue (BCIP & AEC)	ab183281
	G&Rt on human/mouse tissue (DAB & AP/Red)	ab183280
	M&R on human tissue (DAB & FastRed)	ab210062
	M&Rt on mouse tissue (BCIP & AEC)	ab183278
	R&Rt on human/mouse tissue (DAB & AP/Red)	ab183283
	M&R on human tissue (BCIP & AEC)	ab210060
	R&Rt on human/mouse tissue (BCIP & AEC)	ab183284
TripleStain IHC Kit	M&M&R on Human tissue (DAB, AP/Red & HRP/Green)	ab183286
	M&R&Rt on rodent tissue (DAB, HRP/Green & AP/Red)	ab183297
	M&M&R on rodent tissue (DAB, HRP/Green & AP/Red)	ab183292
	M&R&G on human tissue (DAB, AP/Red & DAB/Ni)	ab183291
	M&R&G on human tissue (DAB, AP/Red & HRP/Green)	ab183290
	M&R&Rt on rodent tissue (DAB, DAB/Ni & AP/Red)	ab183298
	R&R&M on human tissue (DAB, AP/Red & Green/HRP)	ab183288
	R&R&M on rodent tissue (DAB, AP/Red & HRP/Green)	ab183295

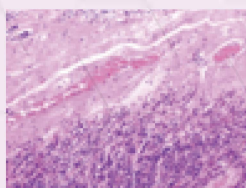
複染試劑 (Counterstains)

H&E Staining Kit (ab245880)

ab245880 是細胞核與細胞質專用染劑，蘇木精產生清晰、強烈的藍色細胞核，與伊紅染色的細胞質形成最佳對比。

- ▶ **染色清晰**：改善配方，改善表面張力，染劑更好停留在組織上，較傳統 H&E 染色結果清晰。
- ▶ **使用方便**：較低的蒸發率並減少溢出於容器的機會。

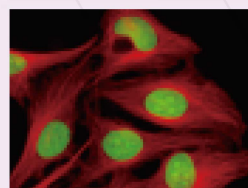
Type	Product	Cat. no.
Chromogenic	Hematoxylin Solution (Mayer's, Modified)	ab220365
	H&E Staining Kit (Hematoxylin and Eosin)	ab245880
	Methyl Green Pyronin Stain Kit (RNA DNA Stain)	ab150676
	Nuclear fast red, nucleic acid stain	ab146372
	DAPI Staining Solution	ab228549
Fluorescent	DRAQ5™	ab108410
	DRAQ7™	ab109202
	Hoechst 33342 Staining Dye Solution	ab228551
	Hoechst 33258 Staining Dye Solution	ab228550
	Nuclear Green DCS1	ab138905
	Nuclear yellow (Hoechst S769121)	ab138903
	Propidium iodide	ab14083



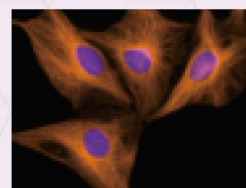
ab245880 H&E Staining Kit



ab108410 DRAQ5™



ab138905 Nuclear Green DCS1

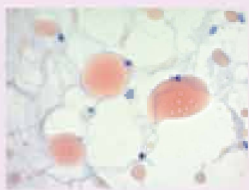


ab138903 Hoechst S769121

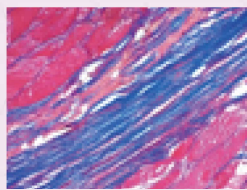
特殊染劑 (Special Stains)

Product	Application	Cat no.
Acridine Orange Staining Solution	DNA, RNA, 溶酶體, 微生物	ab270791
Feulgen Stain Kit	Nuclear DNA	ab245878
Reticulum Stain Kit (Modified Gomori's)	內質網	ab236473
Cresyl Violet Stain Solution (0.1%)	尼斯小體 (神經元內顆粒)	ab246816
Bielschowsky Silver Stain Kit	神經纖維	ab245877
Oil Red O Stain Kit (Lipid Stain)	脂肪	ab150678
Jones Stain Kit (Basement Membrane)	基底膜	ab245883
Giemsa Stain Kit	造血組織	ab150670
Trichrome Stain Kit (Connective Tissue Stain)	結締組織	ab150686
Elastic Stain Kit (Verhoeff Van Gieson / EVG Stain)	結締組織	ab150667
Picro Sirius Red Stain Kit (Connective Tissue Stain)	結締組織 - 特別是膠原蛋白	ab150681
Phosphotungstic Acid Hematoxylin (PTAH) Stain Kit (Connective Tissue Stain)	結締組織 - 特別是膠原蛋白、橫紋肌和神經膠質纖維	ab150683

Product	Application	Cat no.
Von Kossa Stain Kit (Calcium Stain)	鈣沉澱	ab150687
Fontana-Masson Stain Kit (Melanin Stain)	黑色素	ab150669
Eosinophil-Mast Cell Stain Kit (Hematologic Stain)	嗜酸性球, 肥大細胞	ab150665
BrdU Immunohistochemistry Kit	新合成 DNA	ab125306
Brilliant Cresyl Blue Solution (1.5%)	網狀紅血球	ab246814
Alcian Blue Stain Kit (pH 2.5, Mucin Stain)	黏蛋白	ab150662
Colloidal Iron Stain Kit (Mucin Stain)	黏蛋白	ab150664
Mucicarmine Stain Kit (Mucin Stain)	黏蛋白	ab150677
Periodic Acid Schiff (PAS) Stain Kit (Mucin Stain)	黏蛋白, 真菌	ab150680
Congo Red Solution	類澱粉蛋白 Amyloid	ab246819
Luxol Fast Blue Stain Kit (Myelin Stain)	髓鞘 / 尼斯小體	ab150675



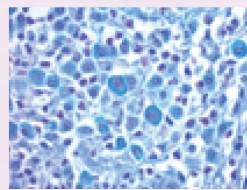
ab150678 Oil Red O Stain Kit



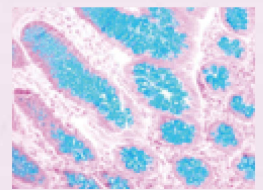
ab150686 Trichrome Stain Kit



ab150681 Picro Sirius Red Stain Kit



ab150665 Eosinophil-Mast Cell Stain Kit



ab150662 Alcian Blue Stain Kit

封片膠 (Mounting Media)

Mounting Medium With DAPI - Aqueous, Fluoroshield (ab104139)

ab104139 為含 DAPI 的水性抗褪色封固劑。

- ▶ **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 度 C 黑暗的保存條件下，有效防止 FITC, Texas Red, AMCA, Cy2, Cy3, Cy5, Alexa fluoro 488, Alexa fluoro 594, GFP, tetramethyly rhodamine, R-PE, Phyocyanin 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。

Type	Product	Application	Cat. no.
Non-fluorescent imaging	Limonene Mounting Medium	Organic	ab104141
	Mounting Medium for IHC	Aqueous	ab64230
Fluorescent imaging	Aqueous Mounting Medium	Aqueous	ab128982
	Anti - Fade Fluorescence Mounting Medium - Fluoroshield	Aqueous	ab104135
	Glycerol Mounting Medium - Anti-Fade with DAPI	Aqueous	ab188804
	Mounting Medium With DAPI - Fluoroshield	Aqueous	ab104139
	Mounting Medium With PI - Fluoroshield	Aqueous	ab104129



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