

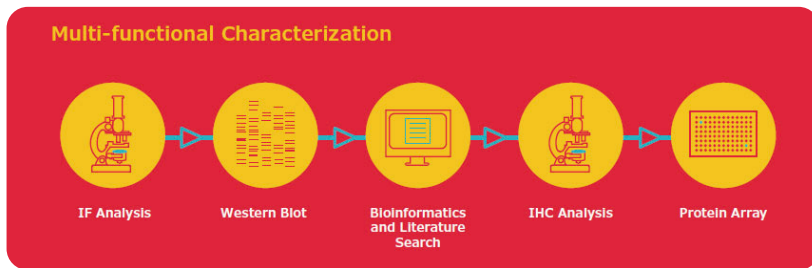
Prestige Antibodies 小包裝大優惠！

小包裝抗體 不同品號 任2件6折 活動至2022/9/30止



有多少抗體是不合格的呢？

Human Protein Atlas是一項始於瑞典的計劃，於2003年，旨在通過整合各種組學技術（包括使用抗體的成像，利用質譜的蛋白質組學，轉錄組學和系統生物學）來繪製細胞，組織和器官中所有人類蛋白質的圖譜生物學。知識資源中的所有數據都是開放的，學術界和工業界的科學家都可以自由查看這些數據以探索人類蛋白質組學。2008年開始，Sigma 與 Atlas Antibodies 合作為全球研究人員提供HPA開發的抗體。大多數市售抗體僅由供應商進行驗證，但是 Prestige Antibodies® 得到HUPO人類抗體計劃的一部分人類蛋白質圖譜的公開數據支持。所有Prestige抗體均經過一系列驗證步驟測試，以確保它們的品質。Prestige Antibodies® 設計在免疫組織化學（IHC），免疫螢光（IF），免疫印跡（WB）等應用中檢測80%以上的人類蛋白質組，使用來自人類蛋白質圖譜 Human Protein Atlas 的開放資訊及數據，以IHC，WB，ICC-IF或RNA定序進行驗證，並與生物信息學之資訊及文獻進行比較。Prestige Antibodies® 利用組織微陣列（Tissue Array）在40多種不同的正常人體組織，50多種細胞株和20多種癌症類型中進行表現且與國際抗體驗證工作組（IWGAV）所述的驗證方式保持一致。

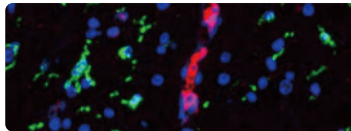
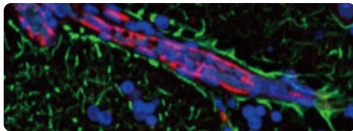


Prestige Antibodies®

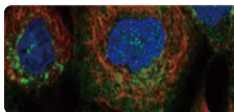
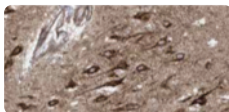
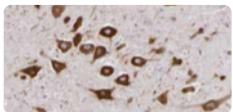
- 以抗原純化抗體，增加專一性
- 增強效能驗證
- 批次一致性及再現性高
- 符合國際抗體驗證方式
- 每支抗體超過700張結果圖
- 所有結果圖皆為公開可取得

Prestige Antibodies® 讓您的研究更臻完美

Neuroscience



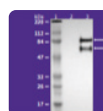
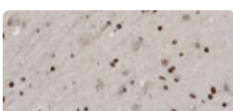
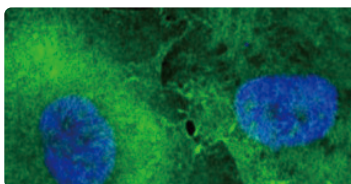
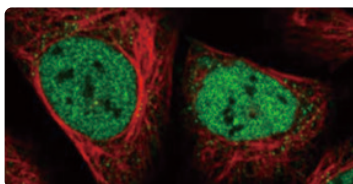
C3在激活補體系統具重要作用，並與神經發炎有關。Anti-C3抗體（HPA020432）標記受多發性硬化症影響的腦組織中的毛細血管。（藍色= Hoechst，綠色= IBA1或GFAP（Clone GA5），紅色= C3）。



前列腺素-過氧化物合酶（PTGS1）在海馬神經元（人體組織）的細胞體中強烈表達。此為使用 Anti-COX1（HPA002834）抗體。

Anti-ITM2B抗體（HPA029292）標記了海馬神經元（人體組織）的細胞體。A-431細胞中高基氏體被標記。

Cancer research



ZEB1
人類大腦皮層免疫組織化學染色，使用Anti-ZEB1抗體（HPA027524）顯示膠質細胞核呈陽性。Western Blot結果，在人細胞株U-251中檢測到ZEB1。ICC-IF結果，人類細胞株U-2 OS在細胞核中顯示陽性，但在核仁中則不含（綠色）。

CD44
食管的免疫組織化學染色，使用抗CD4（HPA005785）顯示在鱗狀上皮細胞之細胞質及膜呈陽性。Western Blot結果，CD44可在人細胞株U-251MG中檢測到。ICC-IF在人細胞株U-251MG細胞膜呈陽性（綠色）。



Enhanced Validation 增強效能驗證

- **Genetic Strategies**
knockout/knockdown驗證專一性
- **Independent Antibody Verification**
相同標的抗體結果比較確認一致性
- **Orthogonal Validation Using RNA-seq**
比較抗體結果與RNA-seq之mRNA表現
驗證專一性
- **Functional Assay Validation**
體外實驗操作影響抗原表現，抗體測試結果驗證特異性
- **Expression/Overexpression Validation**
在未表現目標蛋白之細胞株內過量表現目標蛋白驗證
抗體特異性
- **Immunocapture Followed by Mass Spectrometry (MS) Validation**
利用MS確認抗體與目標蛋白結合驗證特異性

MERCK

Prestige Antibodies®

Powered by ATLAS ANTIBODIES

Favourable, unfavourable and non prognostic markers for human cancers

The identification of cancer markers using primary antibodies is a widely used strategy in cancer diagnostics, screening and research. Tumor marker-specific antibodies can be used to detect elevated quantities of tumor markers in patients' blood, urine or tissue, for cancer diagnosis and prognostic evaluation. Each tumor marker may be associated with more than one type of cancer. The schematic summarizes some monoclonal

antibodies from Prestige® Antibodies classified as prognostic genes with regard to cancer type and association with favourable or unfavourable clinical outcome. The classifications is based according to the Pathology Atlas, part of the Human Protein Atlas (proteinatlas.org). Our website provides easy access to all characterization data and online ordering at SigmaAldrich.com/prestige-antibodies

1. Glioma

- Anti-B3GAT1 (AMAB91575) *Not prognostic*
- Anti-B3GAT1 (AMAB91576) *Not prognostic*
- Anti-IL411 (AMAB91560) *Unfavourable*

2. Thyroid Cancer

- Anti-B3GAT1 (AMAB91575) *Not prognostic*
- Anti-B3GAT1 (AMAB91576) *Not prognostic*
- Anti-BCL2 (AMAB91492) *Unfavourable*

3. Lung Cancer

- Anti-PIEZO1 (AMAB91589) *Unfavourable*
- Anti-PLK1 (AMAB91515) *Unfavourable*

4. Liver Cancer

- Anti-AFP (AMAB91610) *Not prognostic*
- Anti-AFP (AMAB91611) *Not prognostic*
- Anti-AR (AMAB91547) *Favourable*
- Anti-ATG5 (AMAB91582) *Unfavourable*
- Anti-BAX (AMAB91490) *Unfavourable*
- Anti-CDK2 (AMAB91497) *Unfavourable*
- Anti-CDK4 (AMAB91499) *Unfavourable*
- Anti-FOLH1 (AMAB91551) *Favourable*
- Anti-FOLH1 (AMAB91552) *Favourable*
- Anti-GLS2 (AMAB91483) *Not prognostic*
- Anti-GLS2 (AMAB91485) *Not prognostic*
- Anti-HDAC5 (AMAB91501) *Unfavourable*
- Anti-KRT20 (AMAB91564) *Unfavourable*
- Anti-PIK3CB (AMAB91585) *Unfavourable*
- Anti-PLK1 (AMAB91515) *Unfavourable*
- Anti-SMAD2 (AMAB91520) *Unfavourable*
- Anti-SPAG5 (AMAB91605) *Unfavourable*

5. Pancreatic Cancer

- Anti-FRMD5 (AMAB91580) *Unfavourable*
- Anti-KRT7 (AMAB91530) *Unfavourable*
- Anti-KRT7 (AMAB91531) *Unfavourable*
- Anti-MUC1 (AMAB91533) *Unfavourable*
- Anti-MUC2 (AMAB91542) *Not prognostic*
- Anti-PIK3CB (AMAB91585) *Unfavourable*
- Anti-SPAG5 (AMAB91605) *Unfavourable*

6. Prostate Cancer

- Anti-B3GAT1 (AMAB91575) *Not prognostic*
- Anti-B3GAT1 (AMAB91576) *Not prognostic*
- Anti-KLK3 (AMAB91567) *Not prognostic*
- Anti-KLK3 (AMAB91569) *Not prognostic*
- Anti-POU5F1 (AMAB91477) *Favourable*

7. Testis Cancer

- Anti-AFP (AMAB91610) *Not prognostic*
- Anti-AFP (AMAB91611) *Not prognostic*
- Anti-CTAG1B (AMAB91606) *Not prognostic*
- Anti-CTAG1B (AMAB91607) *Not prognostic*
- Anti-DDX53 (AMAB91489) *Not prognostic*
- Anti-NR5A1 (AMAB91540) *Not prognostic*

8 & 9. Head and Neck Cancer

- Anti-CDK2 (AMAB91497) *Unfavourable*
- Anti-IL10RA (AMAB91503) *Favourable*
- Anti-NR5A1 (AMAB91540) *Not prognostic*
- Anti-TNFRSF18 (AMAB91487) *Favourable*

10. Breast Cancer

- Anti-IL10RA (AMAB91503) *Not prognostic*
- Anti-KRT5 (AMAB91549) *Favourable*
- Anti-ZNF10 (AMAB91592) *Favourable*
- Anti-ZNF10 (AMAB91593) *Favourable*

11. Renal Cancer

- Anti-AR (AMAB91547) *Favourable*
- Anti-ATG5 (AMAB91582) *Unfavourable*
- Anti-BCL2 (AMAB91492) *Favourable*
- Anti-CDK2 (AMAB91497) *Unfavourable*
- Anti-CDK4 (AMAB91499) *Unfavourable*
- Anti-CHEK2 (AMAB91570) *Unfavourable*
- Anti-FOLH1 (AMAB91551) *Unfavourable*
- Anti-GATA3 (AMAB91525) *Unfavourable*
- Anti-HDAC5 (AMAB91501) *Favourable*
- Anti-IL10RA (AMAB91503) *Unfavourable*
- Anti-IL411 (AMAB91560) *Unfavourable*
- Anti-KRT20 (AMAB91564) *Unfavourable*
- Anti-KRT7 (AMAB91530) *Favourable*
- Anti-MTOR (AMAB91508) *Favourable*
- Anti-MYO10 (AMAB91554) *Favourable*
- Anti-NFKB2 (AMAB91511) *Unfavourable*
- Anti-PIEZO1 (AMAB91589) *Unfavourable*
- Anti-PLK1 (AMAB91515) *Unfavourable*
- Anti-PROM1 (AMAB91494) *Favourable*
- Anti-SAA1 (AMAB91543) *Unfavourable*
- Anti-SETD2 (AMAB91603) *Favourable*
- Anti-SMAD4 (AMAB91594) *Favourable*
- Anti-SPAG5 (AMAB91605) *Unfavourable*
- Anti-TNFRSF18 (AMAB91487) *Unfavourable*

12. Colorectal Cancer

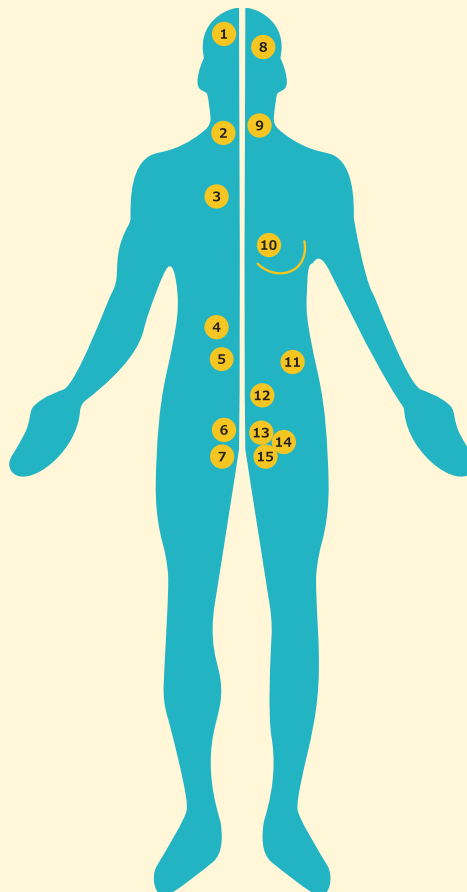
- Anti-AMACR (AMAB91561) *Favourable*
- Anti-AMACR (AMAB91562) *Favourable*
- Anti-MUC2 (AMAB91542) *Not prognostic*
- Anti-MUC5AC (AMAB91539) *Not prognostic*
- Anti-NFKB2 (AMAB91511) *Unfavourable*

13. Ovarian Cancer

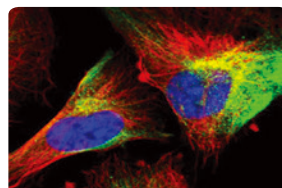
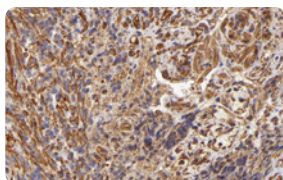
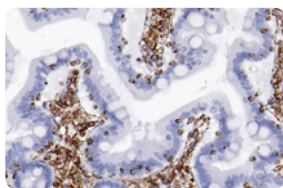
- Anti-CTAG1B (AMAB91606) *Not prognostic*
- Anti-CTAG1B (AMAB91607) *Not prognostic*
- Anti-FGF18 (AMAB91480) *Not prognostic*
- Anti-KRT7 (AMAB91530) *Unfavourable*
- Anti-KRT7 (AMAB91531) *Unfavourable*
- Anti-NR5A1 (AMAB91540) *Not prognostic*
- Anti-PIEZO1 (AMAB91589) *Unfavourable*

14. Endometrial Cancer

- Anti-PAX2 (AMAB91573) *Unfavourable*
- Anti-PAX8 (AMAB91488) *Unfavourable*
- Anti-PGR (AMAB91529) *Favourable*
- Anti-SCGB2A2 (AMAB91536) *Favourable*
- Anti-TNFRSF18 (AMAB91487) *Favourable*



Development



Anti-VIM (Vimentin) HPA001762 of human duodenum shows distinct positivity in mesenchymal and lymphoid cells (upper left).

In glioma tissue, immunoreactivity is strong in tumor cells (lower left). IF staining of human cell line U-251MG shows positivity in cytoskeleton (top).



下載完整
“Prestige Antibodies®
in Neuroscience”目錄



買抗體 好禮大放送！

MERCK



買1支

送

計時器



買2支

加送

保冷袋



買3支

加送

筆記本



*抗體類限一抗

*贈品數量有限，若數量不足將權更換其他贈品

ZooMab™ 最新技術！重組單株抗體



Neuroscience

Description	Item Number	Application	Species Reactivity
Anti-Calbindin D-28K cl1A11	ZRB1778	ICC, IHC (p), WB	rat, human, mouse
Anti-c-Fos, clone 1D10	ZRB457	ICC, IHC (p), WB	
Anti-ChAT, clone 2K16	ZRB1012	IF, IHC, WB	mouse, rat
Anti-EGFR, clone 11E19	ZRB04338	ICC, IHC (p), WB, gene KO	human, mouse
Anti-GAPDH, clone 10B13	ZRB374	IF, IHC (p), WB	human
Anti-GFAP, clone 2E8	ZRB2383	ICC, IF, IHC (p), WB	rat, human, mouse
Anti-GluR2, clone 1K4	ZRB1008	ICC, IF, IHC (p), WB	human, rat, mouse
Anti-GLUT-1, CT, clone 16D21	ZRB071401	ICC, IF, IHC, WB	human, mouse
Anti-MAP2, clone 3C19	ZRB2290	ICC, IHC (p), WB	rat, human, mouse
Anti-Nestin, clone 8B8	ZRB69	ICC, IHC, WB	human
Anti-NeuN, clone 13E6	ZRB377	ICC, IF, IHC (p), WB	mouse, rat, human
Anti-NG2, clone 1L2	ZRB5320	ICC, IF, WB	mouse, rat
Anti-NMDAR2A, clone A12W	ZRB04901	ICC, IHC (p), WB	mouse, rat, human
Anti-p-GluR1 (Ser831), clone N453	ZRB04823	IHC (p), WB	rat, human
Anti-phospho-Smad2 (Ser465/467), clone A5S	ZRB04953	ICC, IHC (p), WB, inhibition assay	human
Anti-Tyr Hydroxylase, cl 3M12	ZRB2381	ICC, IF, IHC (p), WB	rat, mouse
Anti-VGLUT1, clone 4O15	ZRB2374	IF, IHC (p), WB	rat, mouse, human



單株抗體檢測靈敏度可達picomolar

效能強化



再現滿分

採特有重組表達系統製造，提升批次一致性



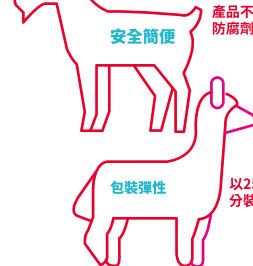
品質把關

至少通過三個應用測試，才提供給使用者



穩定度佳

以凍乾型式提供，可增加長期保存之穩定性



安全簡便

產品不含殺菌劑或防腐劑，且可即溶即用

包裝彈性

以25 ul凍乾體積多管分裝，易於試劑共享

為什麼您應該優先選擇ZooMab™抗體

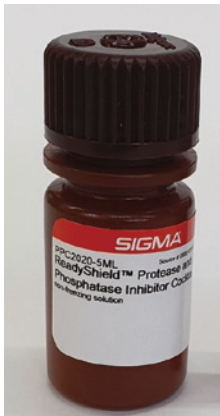
	Rabbit Polyclonal	Mouse Monoclonal	ZooMab™ Recombinant Monoclonal
再現性	•	••	•••
專一性	•	••	•••
精確性	•	••	•••
IHC親和力	•	•	•••
宿主犧牲	需要	需要	
穩定的DNA Clone			•••
狀態	液體	液體	凍乾粉末
保存/穩定性	•	•	•••
防腐劑/添加劑	•	•	不含防腐劑及BSA
包裝	單一	單一	多種
運輸	乾冰	乾冰	室溫運送

ZooMab™抗體不需要猜測。無論目標是什麼，所有抗體都以相同的包裝尺寸和價格，提供給您。

使用ZooMab™抗體，您可以確保獲得相同的功能性產品，每個目標，每一批號，穩定、純淨及為實現最長的保質期穩定性之包裝。

ReadyShield® Protease & Phosphatase Inhibitor Cocktail

買1送1!



- 已針對哺乳動物細胞和組織萃取物進行了優化和測試。它包含對絲氨酸、半胱氨酸、酸性蛋白酶、氨肽酶、鹼性磷酸酶的 L-同工酶和絲氨酸/蘇氨酸蛋白磷酸酶具有廣泛特異性的抑制劑。
- Ready-to-use
- ReadyShield® 是一種非冷凍配方，儲存時不會凍結，使用方便快捷。
- 100 X solution

買就送RIPA Lysis Buffer, 10X (100ML) x1, 價值NT5,040
或送 mPAGE預鑄膠 (10片裝) x1組, 價值NT8,700

Description	Item Number
ReadyShield® Protease and Phosphatase Inhibitor Cocktail	PPC2020-5ML
RIPA Lysis Buffer, 10X (100ML)	20-188
mPAGE (10片裝) 規格任選	MPXXXX



mPAGE™標準包裝預鑄膠片

mPAGE™ Bis-Tris Precast Gels for SDS-PAGE and Western Blotting

Description	Qty/Pk	Catalogue Number
mPAGE™ 4-12% Bis-Tris Precast Gel, 10x8, 10-well	10 gels	MP41G10
mPAGE™ 4-12% Bis-Tris Precast Gel, 10x8, 12-well	10 gels	MP41G12
mPAGE™ 4-12% Bis-Tris Precast Gel, 10x8, 15-well	10 gels	MP41G15
mPAGE™ 4-20% Bis-Tris Precast Gel, 10x8, 10-well	10 gels	MP42G10
mPAGE™ 4-20% Bis-Tris Precast Gel, 10x8, 12-well	10 gels	MP42G12
mPAGE™ 4-20% Bis-Tris Precast Gel, 10x8, 15-well	10 gels	MP42G15
mPAGE™ 8-16% Bis-Tris Precast Gel, 10x8, 10-well	10 gels	MP81G10
mPAGE™ 8-16% Bis-Tris Precast Gel, 10x8, 12-well	10 gels	MP81G12
mPAGE™ 8-16% Bis-Tris Precast Gel, 10x8, 15-well	10 gels	MP81G15
mPAGE™ 8% Bis-Tris Precast Gel, 10x8, 10-well	10 gels	MP8W10
mPAGE™ 8% Bis-Tris Precast Gel, 10x8, 12-well	10 gels	MP8W12
mPAGE™ 8% Bis-Tris Precast Gel, 10x8, 15-well	10 gels	MP8W15
mPAGE™ 10% Bis-Tris Precast Gel, 10x8, 10-well	10 gels	MP10W10
mPAGE™ 10% Bis-Tris Precast Gel, 10x8, 12-well	10 gels	MP10W12
mPAGE™ 10% Bis-Tris Precast Gel, 10x8, 15-well	10 gels	MP10W15
mPAGE™ 12% Bis-Tris Precast Gel, 10x8, 10-well	10 gels	MP12W10
mPAGE™ 12% Bis-Tris Precast Gel, 10x8, 12-well	10 gels	MP12W12
mPAGE™ 12% Bis-Tris Precast Gel, 10x8, 15-well	10 gels	MP12W15

贈品
任選擇

mPAGE™緩衝液

mPAGE™ Reagents for SDS-PAGE and Western Blotting

Description	Qty/Pk	Catalogue Number
mPAGE™ 4X LDS Sample Buffer	10 mL	MPSB-10ML
mPAGE™ MES SDS Running Buffer Powder (Each packet makes 1L)	5 packets	MPMES
mPAGE™ MOPS SDS Running Buffer Powder (Each packet makes 1L)	5 packets	MPM0PS
mPAGE™ Transfer Buffer Powder (Each packet makes 1L)	10 packets	MPTRB

- 文獻等級的蛋白質電泳圖(更清晰、更筆直的蛋白質條帶)、實惠的價格
- 相容於常用的蛋白質電泳槽
- 高達80 µL / well的樣本容納量
- 適用於濕式與半乾式蛋白質轉漬 (Western blot transfer)
- 跑膠時間可節省最多15分鐘
- 相較於Tris-Glycine凝膠, Bis-Tris凝膠片及MES/MOPS緩衝液可維持蛋白質電泳環境pH中性、避免蛋白質出現修飾 (modification) 現象而劣化數據圖



進階生物科技股份有限公司

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