

Anti-Chromogranin A antibody [EP1030Y] ab68271

リコンビナント **RabMAb**

★★★★☆ **2 Abreviews** **11 References** 画像数 5

製品の概要

製品名	Anti-Chromogranin A antibody [EP1030Y]
製品の詳細	Rabbit monoclonal [EP1030Y] to Chromogranin A
由来種	Rabbit
アプリケーション	適用あり: ICC/IF, WB, IHC-P, Flow Cyt (Intra) 適用なし: IP
種交差性	交差種: Human
免疫原	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
ポジティブ・コントロール	WB: SH-SY5Y cell lysate. IHC-P: Human pancreas tissue. ICC/IF: SH-SY5Y. Flow Cyt (intra): SH-SY5Y cells
特記事項	<p>This product is a recombinant monoclonal antibody, which offers several advantages including:</p> <ul style="list-style-type: none"> - High batch-to-batch consistency and reproducibility - Improved sensitivity and specificity - Long-term security of supply - Animal-free production <p>For more information see here.</p> <p>Our RabMAb[®] technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to RabMAb[®] patents.</p> <p>Mouse, Rat: We have preliminary internal testing data to indicate this antibody may not react with these species. Please contact us for more information.</p>

製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C. Avoid freeze / thaw cycle.
バッファー	pH: 7.2 Preservative: 0.01% Sodium azide Constituents: 9% PBS, 40% Glycerol (glycerin, glycerine), 0.05% BSA, 50% Tissue culture supernatant
精製度	Protein A purified

ポリ/モノ	モノクローナル
クローン名	EP1030Y
アイソタイプ	IgG

アプリケーション

The Abpromise guarantee Abpromise保証は、 次のテスト済みアプリケーションにおけるab68271の使用に適用されます
アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

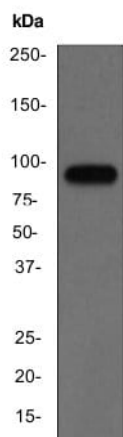
アプリケーション	Abreviews	特記事項
ICC/IF		1/100 - 1/250.
WB		1/10000 - 1/50000. Detects a band of approximately 90 kDa (predicted molecular weight: 51 kDa).
IHC-P	★★★★☆ (2)	1/100 - 1/250. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.
Flow Cyt (Intra)		1/200. ab172730 - Rabbit monoclonal IgG, is suitable for use as an isotype control with this antibody.

追加情報 Is unsuitable for IP.

ターゲット情報

機能	Pancreastatin strongly inhibits glucose induced insulin release from the pancreas.
配列類似性	Belongs to the chromogranin/secretogranin protein family.
翻訳後修飾	Sulfated on tyrosine residues and/or contains sulfated glycans. O-glycosylated with core 1 or possibly core 8 glycans.
細胞内局在	Secreted. Neuroendocrine and endocrine secretory granules.
製品の状態	According to the Swiss-Prot database, this protein has many different forms which correspond to various molecular weights; thus the possible variation from the predicted molecular weight of 51kDa.

画像



Western blot - Anti-Chromogranin A antibody
[EP1030Y] (ab68271)

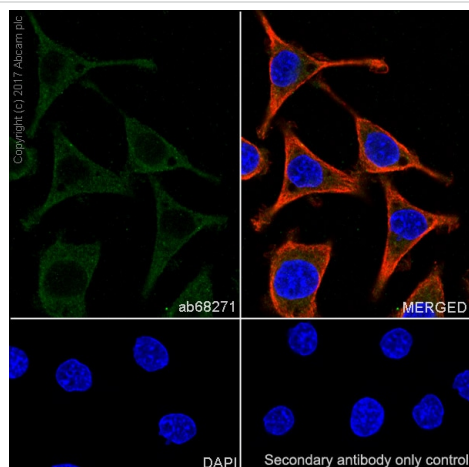
Anti-Chromogranin A antibody [EP1030Y] (ab68271) + SH-SY5Y
(Human neuroblastoma cell line from bone marrow) cell lysate at 10
µg

Secondary

HRP conjugated Goat anti-rabbit at 1/2000 dilution

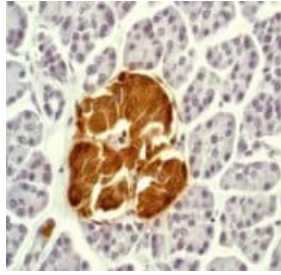
Predicted band size: 51 kDa

Observed band size: 90 kDa



Immunocytochemistry/ Immunofluorescence - Anti-
Chromogranin A antibody [EP1030Y] (ab68271)

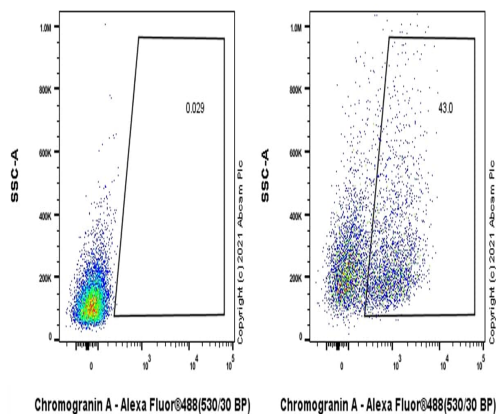
Immunocytochemistry analysis of SH-SY5Y (human neuroblastoma epithelial cell) labeling Chromogranin A with purified ab68271 at 1/50 dilution (3 µg/ml). Cells were fixed with 4% Paraformaldehyde and permeabilised with 0.1% tritonX-100. Goat anti rabbit IgG (Alexa Fluor® 488, [ab150077](#)) at 1/1000 (2 µg/ml) was used as the secondary antibody. [ab195889](#) Anti-alpha Tubulin antibody [DM1A] - Microtubule Marker (Alexa Fluor® 594) 1/200 (2.17 µg/ml) was used as counterstain. Nuclei were stained blue with DAPI. Negative control: PBS instead of the primary antibody.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Chromogranin A antibody [EP1030Y] (ab68271)

Formalin/PFA-fixed paraffin-embedded human pancreas tissue stained for Chromogranin A with ab68271 at a 1/100 dilution in immunohistochemical analysis.

Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.



Flow Cytometry (Intracellular) - Anti-Chromogranin A antibody [EP1030Y] (ab68271)

Flow Cytometry analysis of Jurkat (Human T cell leukemia T lymphocyte, Left) / SH-SY5Y (Human neuroblastoma epithelial cell, Right) cells labeling Chromogranin A with purified ab68271 at 1/200 dilution (1 µg/mL) (Red). Cells were fixed with 4% Paraformaldehyde and permeabilised with 90% Methanol. A Goat anti rabbit IgG (Alexa Fluor® 488, **ab150077**) secondary antibody was used at 1/2000. Isotype control - Rabbit monoclonal IgG (Left). Negative control: Jurkat.

Why choose a recombinant antibody?



Research with confidence
Consistent and reproducible results



Long-term and scalable supply
Recombinant technology



Success from the first experiment
Confirmed specificity



Ethical standards compliant
Animal-free production

Anti-Chromogranin A antibody [EP1030Y] (ab68271)

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