

Anti-Rab3D antibody [EPR8106] ab128997

リコンビナント **RabMAb**

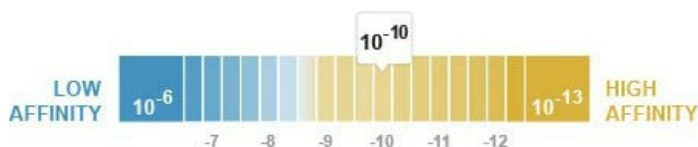
★★★★★ **6 Abreviews** **3 References** 画像数 7

製品の概要

製品名	Anti-Rab3D antibody [EPR8106]
製品の詳細	Rabbit monoclonal [EPR8106] to Rab3D
由来種	Rabbit
アプリケーション	適用あり: mlHC, WB, IHC-P 適用なし: Flow Cyt, ICC/IF or IP
種交差性	交差種: Human
免疫原	Synthetic peptide within Human Rab3D aa 1-100 (N terminal). The exact sequence is proprietary.
ポジティブ・コントロール	BxPC-3, T.T, A549, or HT-29 lysate, Human clear cell carcinoma tissue, Human stomach tissue. mlHC: Human stomach tissue.
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 -20°C. Stable for 12 months at -20°C.
解離定数 (K _D 値)	K _D = 3.36 x 10 ⁻¹⁰ M



[Learn more about K_D](#)

バッファー	pH: 7.20 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	EPR8106
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ab128997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。

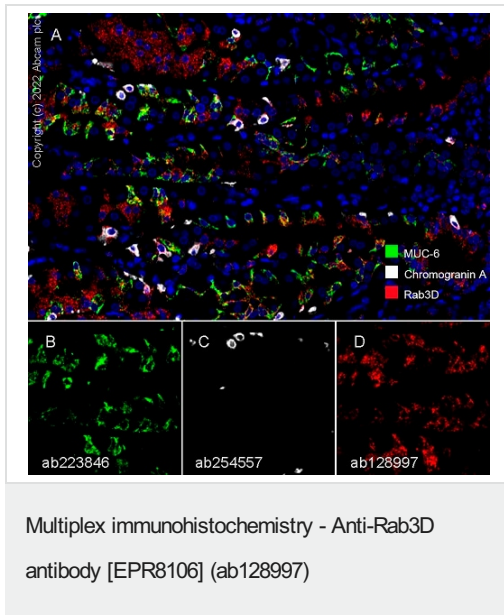
アプリケーション	Abreviews	特記事項
mlHC		Use at an assay dependent concentration.
WB	★★★★★ (2)	1/10000 - 1/50000. Detects a band of approximately 25 kDa (predicted molecular weight: 25 kDa).
IHC-P		1/250 - 1/500. Perform heat mediated antigen retrieval before commencing with IHC staining protocol.

追加情報 Is unsuitable for Flow Cyt, ICC/IF or IP.

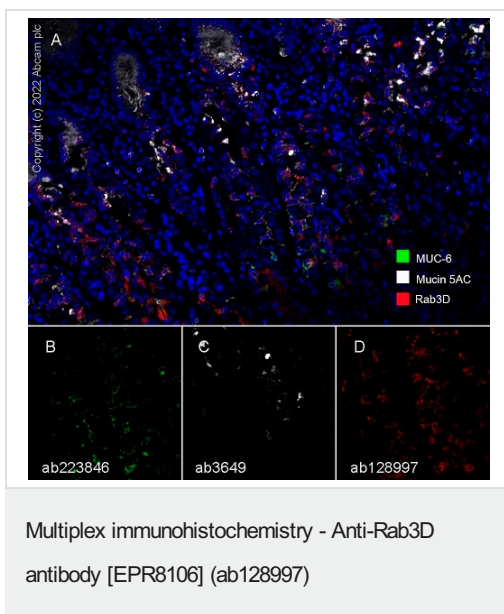
ターゲット情報

機能	Protein transport. Probably involved in regulated exocytosis.
組織特異性	Highly expressed in granulocytes of peripheral blood. Constitutively expressed at low levels in all hematopoietic cell lines investigated.
配列類似性	Belongs to the small GTPase superfamily. Rab family.
細胞内局在	Cell membrane.

画像

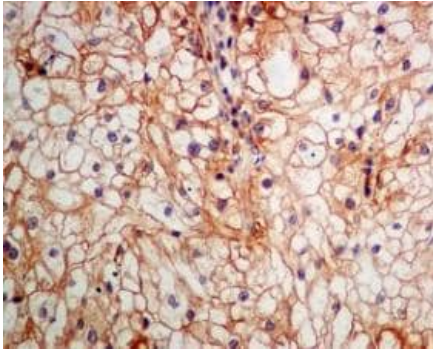


Fluorescence multiplex immunohistochemical analysis of the human stomach (Formalin/PFA-fixed paraffin-embedded sections). Panel A: merged staining of anti-Chromogranin A (**ab254557**, gray; Opal™690), anti-MUC-6 (**ab223846**, green; Opal™520) and anti-Rab3D (ab128997, red; Opal™570) on human stomach. Panel B: anti-MUC-6 stained on mucous neck cells. Panel C: anti-Chromogranin A stained on neuroendocrine cells. Panel D: anti-Rab3D stained on Chief cells. Opal Polymer HRP Ms + Rb was used as a secondary antibody. The immunostaining was performed on a Leica Biosystems BOND® RX instrument with an Opal™ 4-color kit. The section was incubated in three rounds of staining: in the order of **ab254557** (1/5000), **ab223846** (1/1000), and ab128997 (1/10000) for 30 mins at room temperature. Each round was followed by a separate fluorescent tyramide signal amplification system. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0, epitope retrieval solution2) for 20 mins. DAPI (blue) was used as a nuclear counter stain. Image acquisition was performed with Leica SP8 confocal microscope.



Fluorescence multiplex immunohistochemical analysis of the human stomach (Formalin/PFA-fixed paraffin-embedded sections). Panel A: merged staining of anti-Mucin 5AC (**ab3649**, gray; Opal™690), anti-MUC-6 (**ab223846**, green; Opal™520) and anti-Rab3D (ab128997, red; Opal™570) on human stomach. Panel B: anti-MUC-6 stained on mucous neck cells. Panel C: anti-Mucin 5AC stained on surface mucous cells. Panel D: anti-Rab3D stained on Chief cells. Opal Polymer HRP Ms + Rb was used as a secondary antibody. The immunostaining was performed on a Leica Biosystems BOND® RX instrument with an Opal™ 4-color kit. The section was incubated in three rounds of staining: in the order of **ab3649** (1/5000 dilution), **ab223846** (1/1000 dilution), and ab128997 (1/10000 dilution) for 30 mins at room temperature. Each round was followed by a separate fluorescent tyramide signal amplification system. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0, epitope retrieval solution2) was used for 20 mins. DAPI (blue) was used as a nuclear counter stain. Image acquisition was performed with Leica SP8 confocal microscope.

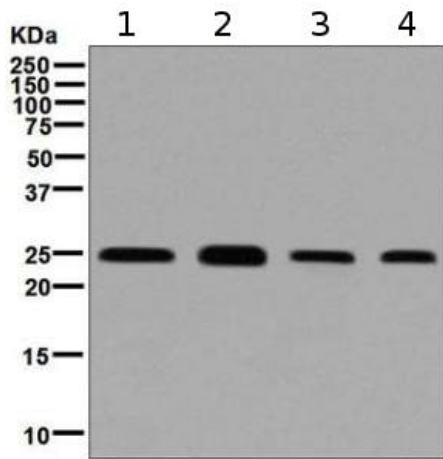
acquisition was performed with Leica SP8 confocal microscope.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Rab3D antibody [EPR8106] (ab128997)

ab128997, at a 1/250 dilution, staining Human Rab3D in clear cell carcinoma, using Immunohistochemistry, Formalin/PFA-fixed paraffin-embedded tissue.

Perform heat mediated antigen retrieval before commencing with IHC staining protocol.



Western blot - Anti-Rab3D antibody [EPR8106] (ab128997)

All lanes : Anti-Rab3D antibody [EPR8106] (ab128997) at 1/10000 dilution

Lane 1 : BxPC-3 cell lysate

Lane 2 : T.T cell lysate

Lane 3 : A549 cell lysate

Lane 4 : HT-29 cell lysate

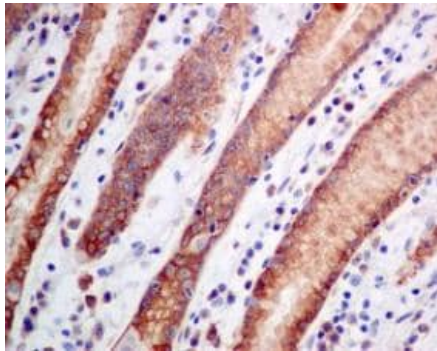
Lysates/proteins at 10 µg per lane.

Secondary

All lanes : Standard HRP labelled goat anti-rabbit at 1/2000 dilution

Predicted band size: 25 kDa

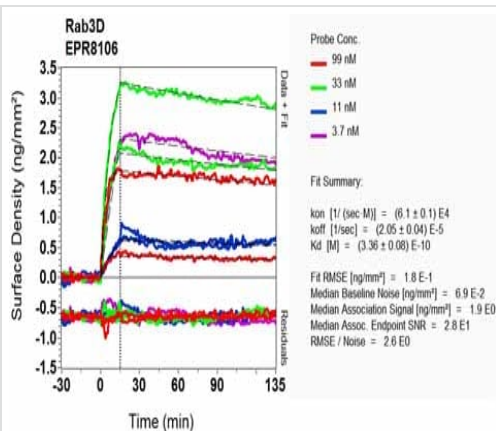
Observed band size: 25 kDa



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Rab3D antibody [EPR8106] (ab128997)

ab128997, at a 1/250 dilution, staining Human Rab3D in stomach, using Immunohistochemistry, Formalin/PFA-fixed paraffin-embedded tissue

Perform heat mediated antigen retrieval before commencing with IHC staining protocol.



SPR Scanning - Anti-Rab3D antibody [EPR8106] (ab128997)

Equilibrium dissociation constant (K_D)

Learn more about K_D

[Click here to learn more about \$K_D\$](#)

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-Rab3D antibody [EPR8106] (ab128997)

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