

Anti-Rab3D antibody [EPR8106] - BSA and Azide free ab248251

リコンビナント **RabMAb**

画像数 7

製品の概要

製品名	Anti-Rab3D antibody [EPR8106] - BSA and Azide free
製品の詳細	Rabbit monoclonal [EPR8106] to Rab3D - BSA and Azide free
由来種	Rabbit
アプリケーション	適用あり: IHC-P, mIHC, WB 適用なし: Flow Cyt, ICC/IF or 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	BxPC-3, T.T, A549, or HT-29 lysate, Human clear cell carcinoma tissue, Human stomach tissue. mIHC: Human stomach tissue.
特記事項	<p>ab248251 is the carrier-free version of ab128997.</p> <p>Our carrier-free antibodies are typically supplied in a PBS-only formulation, purified and free of BSA, sodium azide and glycerol. The carrier-free buffer and high concentration allow for increased conjugation efficiency.</p> <p>This conjugation-ready format is designed for use with fluorochromes, metal isotopes, oligonucleotides, and enzymes, which makes them ideal for antibody labelling, functional and cell-based assays, flow-based assays (e.g. mass cytometry) and Multiplex Imaging applications.</p> <p>Use our conjugation kits for antibody conjugates that are ready-to-use in as little as 20 minutes with <1 minute hands-on-time and 100% antibody recovery: available for fluorescent dyes, HRP, biotin and gold.</p> <p>This product is compatible with the Maxpar[®] Antibody Labeling Kit from Fluidigm, without the need for antibody preparation. Maxpar[®] is a trademark of Fluidigm Canada Inc.</p> <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</p>

these species. Please contact us for more information.

製品の特性

製品の状態

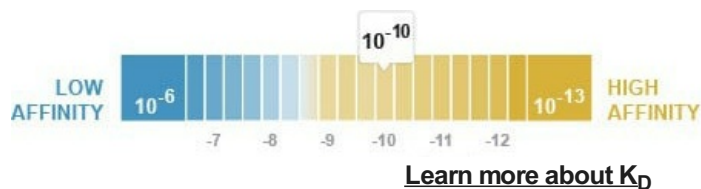
Liquid

保存方法

Shipped at 4°C. Store at +4°C. Do Not Freeze.

解離定数 (K_D 値)

$K_D = 3.36 \times 10^{-10}$ M



バッファー

pH: 7.2

Constituent: PBS

キャリア・フリー

はい

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ab248251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確認ください。

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

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

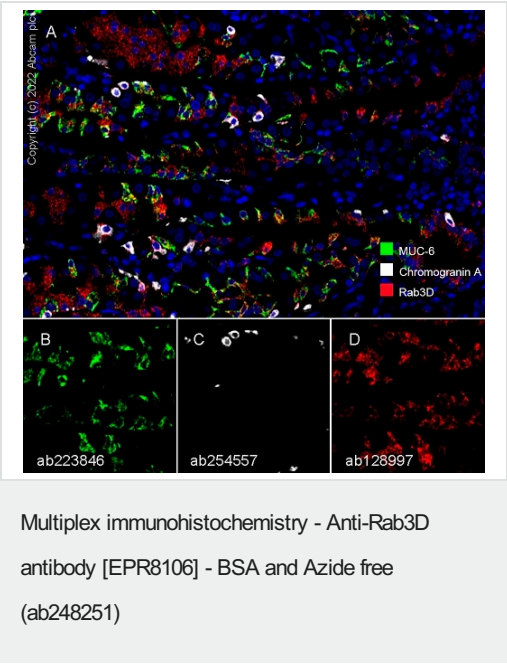
Highly expressed in granulocytes of peripheral blood. Constitutively expressed at low levels in all hematopoietic cell lines investigated.

配列類似性

Belongs to the small GTPase superfamily. Rab family.

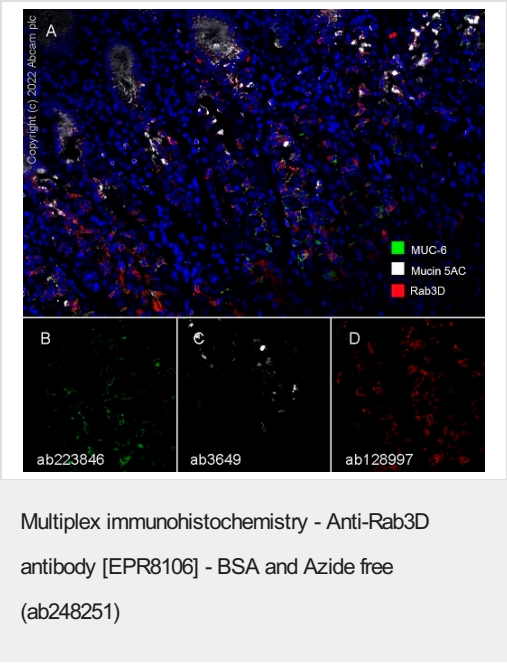
細胞内局在

Cell membrane.



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.

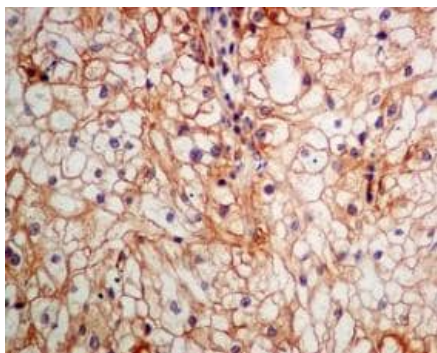
This data was developed using [ab128997](#), the same antibody clone in a different buffer formulation.



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.

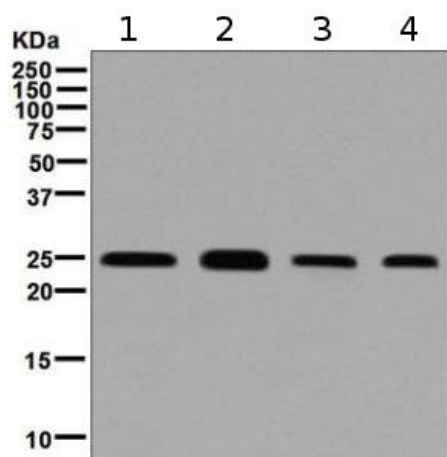
This data was developed using [ab128997](#), the same antibody

clone in a different buffer formulation.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Rab3D antibody [EPR8106] - BSA and Azide free (ab248251)

This data was developed using [ab128997](#), the same antibody clone in a different buffer formulation. [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] - BSA and Azide free (ab248251)

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.

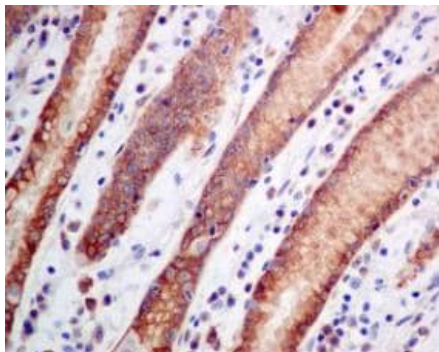
Secondary

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

Predicted band size: 25 kDa

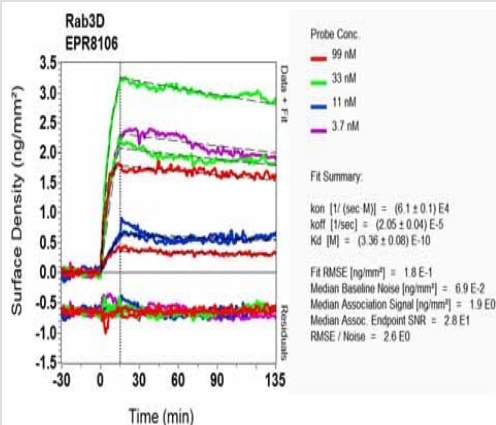
Observed band size: 25 kDa

This data was developed using [ab128997](#), the same antibody clone in a different buffer formulation.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Rab3D antibody [EPR8106] - BSA and Azide free (ab248251)

This data was developed using [ab128997](#), the same antibody clone in a different buffer formulation. [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.



Oxide Reduction Scanning - Anti-Rab3D antibody [EPR8106] - BSA and Azide free (ab248251)

This data was developed using [ab128997](#), the same antibody clone in a different buffer formulation. Equilibrium dissociation constant (K_D)

Learn more about K_D

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

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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] - BSA and Azide free (ab248251)

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