

Anti-GPA33 antibody [EPR4240] - BSA and Azide free ab247720

リコンビナント RabMAb

画像数 4

製品の概要

製品名	Anti-GPA33 antibody [EPR4240] - BSA and Azide free
製品の詳細	Rabbit monoclonal [EPR4240] to GPA33 - BSA and Azide free
由来種	Rabbit
アプリケーション	適用あり: IP, IHC-P, WB
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: Human small intestine, colon and fetal colon tissue lysates; HT-29 and MOLT-4 cell lysates; IHC-P: Human colon tissue. Human colon cancer tissue. Human ovarian cancer tissue; IP: HT-29 cell lysate.
特記事項	<p>ab247720 is the carrier-free version of ab108938.</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.
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	EPR4240
アイソタイプ	IgG

アプリケーション

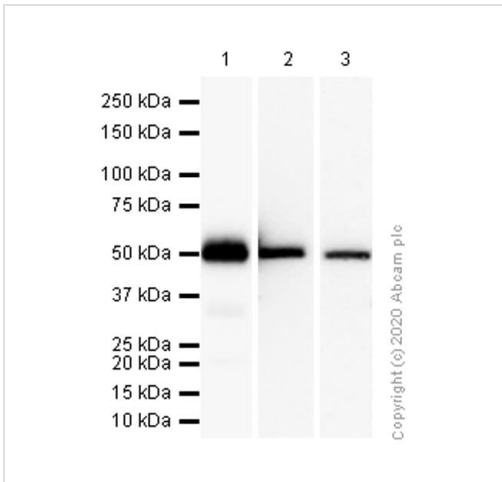
The Abpromise guarantee **Abpromise保証は、次のテスト済みアプリケーションにおけるab247720の使用に適用されます**
アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

アプリケーション	Abreviews	特記事項
IP		Use at an assay dependent concentration.
IHC-P		Use at an assay dependent concentration. Perform heat mediated antigen retrieval before commencing with IHC staining protocol. Heat up to 98 degree C, below boiling, and then let cool for 10-20 min. See IHC antigen retrieval protocols .
WB		Use at an assay dependent concentration. Predicted molecular weight: 36 kDa.

ターゲット情報

機能	May play a role in cell-cell recognition and signaling.
組織特異性	Expressed in normal gastrointestinal epithelium and in 95% of colon cancers.
配列類似性	Contains 1 Ig-like C2-type (immunoglobulin-like) domain. Contains 1 Ig-like V-type (immunoglobulin-like) domain.
翻訳後修飾	N-glycosylated, contains approximately 8 kDa of N-linked carbohydrate. Palmitoylated.
細胞内局在	Membrane.

画像



Western blot - Anti-GPA33 antibody [EPR4240] - BSA and Azide free (ab247720)

All lanes : Anti-GPA33 antibody [EPR4240] ([ab108938](#)) at 1/1000 dilution (Purified)

Lane 1 : Human colon lysates

Lane 2 : HT-29 (Human colorectal adenocarcinoma epithelial cell) whole cell lysates

Lane 3 : MOLT-4 (Human lymphoblastic leukemia T lymphoblast) whole cell lysates

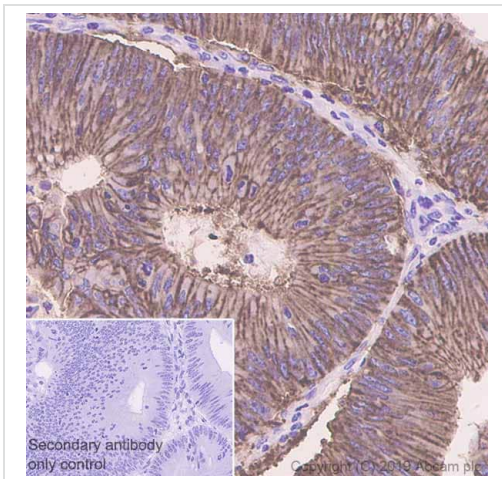
Lysates/proteins at 20 µg per lane.

Secondary

All lanes : Goat Anti-Rabbit IgG (HRP) with minimal cross-reactivity with human IgG at 1/2000 dilution

Predicted band size: 36 kDa

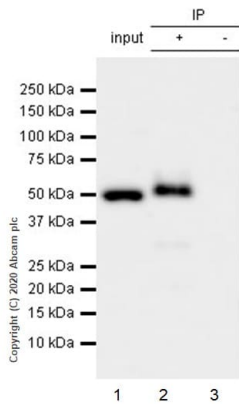
This data was developed using the same antibody clone in a different buffer formulation containing PBS, BSA, glycerol, and sodium azide ([ab108938](#)).



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-GPA33 antibody [EPR4240] - BSA and Azide free (ab247720)

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of human colon cancer tissue sections labeling GPA33 with Purified [ab108938](#) at 1:400 dilution (0.25 µg/ml). Perform heat mediated antigen retrieval using [ab93684](#) (Tris/EDTA buffer, pH 9.0). ImmunoHistoProbe one step HRP Polymer (ready to use) was used as the secondary antibody. Negative control: PBS instead of the primary antibody. Hematoxylin was used as a counterstain.

This data was developed using the same antibody clone in a different buffer formulation containing PBS, BSA, glycerol, and sodium azide ([ab108938](#)).



Immunoprecipitation - Anti-GPA33 antibody [EPR4240] - BSA and Azide free (ab247720)

Purified **ab108938** at 1:20 dilution (0.5ug) immunoprecipitating GPA33 in HT-29 whole cell lysate.

Lane 1 (input): HT-29 (Human colorectal adenocarcinoma epithelial cell) whole cell lysate (10µg)

Lane 2 (+): **ab108938** + HT-29 whole cell lysate.

Lane 3 (-): Rabbit monoclonal IgG (**ab172730**) instead of **ab108938** in HT-29 whole cell lysate.

VeriBlot for IP Detection Reagent (HRP) (**ab131366**) (1/1000) was used for Western blotting.


Blocking Buffer and concentration: 5% NFD/MTBST.

Diluting buffer and concentration: 5% NFD/MTBST.

Observed band size: 50 kDa

This data was developed using the same antibody clone in a different buffer formulation containing PBS, BSA, glycerol, and sodium azide (**ab108938**).

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

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Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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