


Anti-GRB7 antibody [EPR4378] - BSA and Azide free ab247908

リコンビナント RabMAb

画像数 4

製品の概要

製品名	Anti-GRB7 antibody [EPR4378] - BSA and Azide free
製品の詳細	Rabbit monoclonal [EPR4378] to GRB7 - BSA and Azide free
由来種	Rabbit
アプリケーション	適用あり: WB, IHC-P 適用なし: Flow Cyt or IP
種交差性	交差種: Human 交差が予測される動物種: Mouse, Rat 
免疫原	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
特記事項	<p>ab247908 is the carrier-free version of ab109618.</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>

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	EPR4378
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ab247908の使用に適用されず**
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。

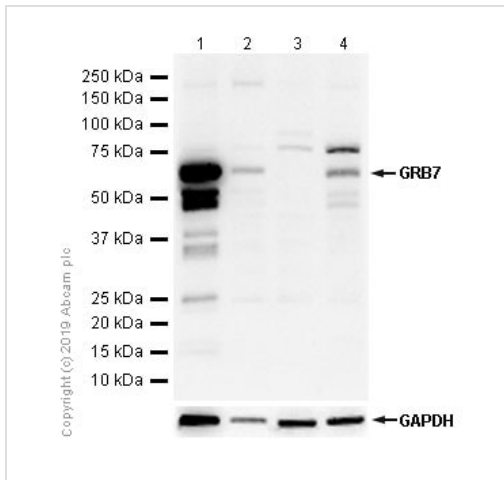
アプリケーション	Abreviews	特記事項
WB		Use at an assay dependent concentration. Predicted molecular weight: 60 kDa.
IHC-P		Use at an assay dependent concentration. Perform heat mediated antigen retrieval before commencing with IHC staining protocol. For antigen retrieval, heat up to 98 degree C, below boiling, and then let cool for 10-20 minutes.

追加情報 Is unsuitable for Flow Cyt or IP.

ターゲット情報

機能	Interacts with the cytoplasmic domain of the epidermal growth factor receptor which is then inhibited. The interaction is mediated by the SH2 domain. Also binds to ERBB2.
配列類似性	Belongs to the GRB7/10/14 family. Contains 1 PH domain. Contains 1 Ras-associating domain. Contains 1 SH2 domain.
翻訳後修飾	Phosphorylated on tyrosine residues.

画像



Western blot - Anti-GRB7 antibody [EPR4378] - BSA and Azide free (ab247908)

All lanes : Anti-GRB7 antibody [EPR4378] ([ab109618](#)) at 1/200 dilution (Purified)

Lane 1 : SK-BR-3 (Human breast adenocarcinoma epithelial cell) whole cell lysates

Lane 2 : T-47D (Human ductal breast epithelial tumor epithelial cell) whole cell lysates

Lane 3 : MCF7 (Human breast adenocarcinoma epithelial cell) whole cell lysates

Lane 4 : HepG2 (Human hepatocellular carcinoma epithelial cell) whole cell lysates

Lysates/proteins at 20 µg per lane.

Secondary

All lanes : Goat Anti-Rabbit IgG H&L (HRP) ([ab97051](#)) at 1/20000 dilution

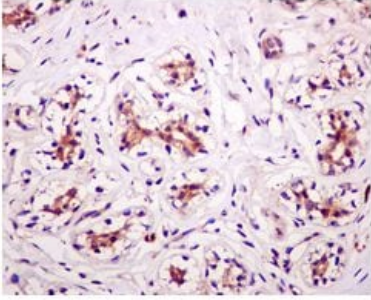
Predicted band size: 60 kDa

Observed band size: 60 kDa

This data was developed using [ab109618](#), the same antibody clone in a different buffer formulation.

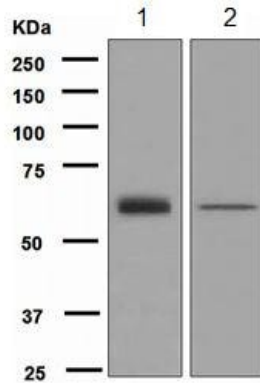
Blocking and dilution buffer: 5% NFDN/TBST.

The expression level of GRB7 in SK-BR-3, T-47D and MCF7 cells is consistent with what has been described in PMID: 7907978 and 17916906.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-GRB7 antibody [EPR4378] - BSA and Azide free (ab247908)

This data was developed using **ab109618**, the same antibody clone in a different buffer formulation. **ab109618** at 1/50 dilution staining GRB7 in paraffin-embedded Human breast tissue by Immunohistochemistry. Perform heat mediated antigen retrieval before commencing with IHC staining protocol.



Western blot - Anti-GRB7 antibody [EPR4378] - BSA and Azide free (ab247908)

All lanes : Anti-GRB7 antibody [EPR4378] (**ab109618**) at 1/1000 dilution

Lane 1 : SKBR-3 cell lysate

Lane 2 : HeLa cell lysate

Lysates/proteins at 10 µg per lane.

Secondary

All lanes : HRP-labelled Goat anti-Rabbit at 1/2000 dilution

Predicted band size: 60 kDa

This data was developed using **ab109618**, the same antibody clone in a different buffer formulation.

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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