abcam

Product datasheet

Anti-Fragilis antibody [EPR5242] ab109429

リコンビナント RabMAb

★★★★☆ **1 Abreviews**　　**16 References**　　**画像数** 4
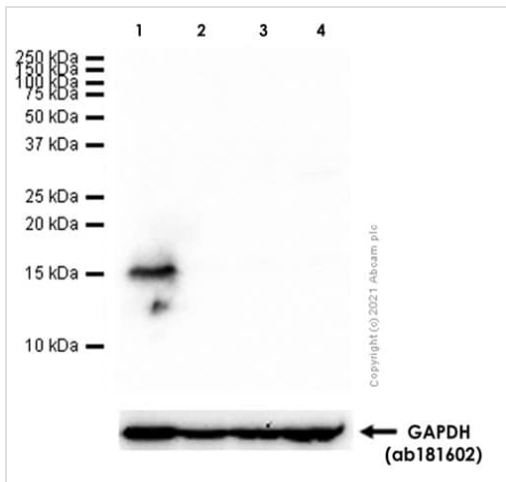
製品の概要

製品名	Anti-Fragilis antibody [EPR5242]
製品の詳細	Rabbit monoclonal [EPR5242] to Fragilis
由来種	Rabbit
特異性	Predicted cross-reactivity with IFITM2 (93% homology) but this has not been tested.
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
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: HeLa whole cell lysate (PMID: 21177806), Recombinant Human Fragilis protein. IHC-P: Human kidney tissue. This antibody gave a positive result when used in the following formaldehyde fixed cell lines: HeLa.
特記事項	This product is a recombinant monoclonal antibody, which offers several advantages including: - High batch-to-batch consistency and reproducibility - Improved sensitivity and specificity - Long-term security of supply - Animal-free production For more information **see here**. Our RabMAb® technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to **RabMAb® patents**. Mouse, Rat: We have preliminary internal testing data to indicate this antibody may not react with 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 short term (1-2 weeks). Upon delivery aliquot. Store at -20°C. Stable for 12 months at -20°C.
バッファー	pH: 7.20 Preservative: 0.01% Sodium azide Constituents: 59% PBS, 40% Glycerol (glycerin, glycerine), 0.5% BSA

精製度	Protein A purified
ポリ/モノ	モノクローナル
クローン名	EPR5242
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ab109429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
WB		1/1000 - 1/10000. Predicted molecular weight: 15 kDa.
IHC-P		1/250 - 1/500. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol. Antigen retrieval is recommended.

追加情報	Is unsuitable for Flow Cyt or IP.

ターゲット情報

機能	IFN-induced antiviral protein that mediates cellular innate immunity to at least three major human pathogens, namely influenza A H1N1 virus, West Nile virus (WNV), and dengue virus (WNV), by inhibiting the early step(s) of replication.
配列類似性	Belongs to the CD225 family.
翻訳後修飾	Palmitoylation on membrane-proximal cysteines controls clustering in membrane compartments and antiviral activity against influenza virus.
細胞内局在	Cell membrane.

画像

Western blot - Anti-Fragilis antibody [EPR5242] (ab109429)

All lanes : Anti-Fragilis antibody [EPR5242] (ab109429) at 1/1000 dilution

Lane 1 : HeLa (Human cervix adenocarcinoma epithelial cell) whole cell lysate

Lane 2 : 293T (Human embryonic kidney epithelial cell) whole cell lysate

Lane 3 : HAP1 (Human chronic myelogenous leukemia near-haploid cell line) whole cell lysate

Lane 4 : Jurkat (Human T cell leukemia T lymphocyte) whole cell lysate

Lysates/proteins at 20 μg per lane.

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

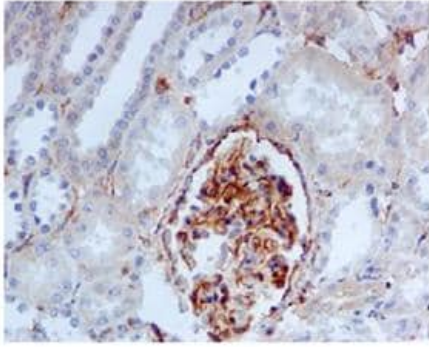Developed using the ECL technique.

Predicted band size: 15 kDa
Observed band size: 15 kDa

Exposure time: 1 second

Lane 1: Positive control - Hela (PMID: 21177806)

Lanes 2-4: Negative control - 293T and Jurkat (PMID: 21177806) HAP1(PMID: 29079573).
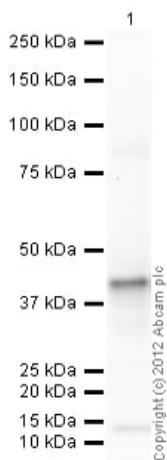
Blocking buffer: 5% NFDM/TBST

Immunohistochemical analysis of Fragilis in paraffin-embedded Human kidney tissue using ab109429 at 1/250 dilution.

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

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Fragilis antibody [EPR5242] (ab109429)

Anti-Fragilis antibody [EPR5242] (ab109429) at 1/1000 dilution + Recombinant Human Fragilis protein (**ab92921**) at 0.01 µg

Secondary
Goat Anti-Rabbit IgG H&L (HRP) preadsorbed (**ab97080**) at 1/5000 dilution
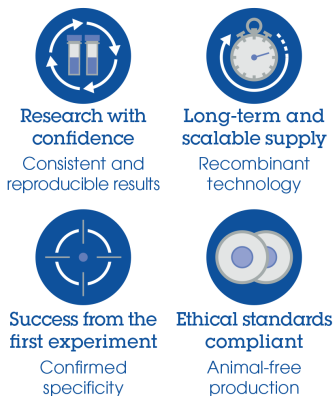
Developed using the ECL technique.

Performed under reducing conditions.

Predicted band size: 15 kDa

Western blot - Anti-Fragilis antibody [EPR5242] (ab109429)

Exposure time: 10 seconds

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-Fragilis antibody [EPR5242] (ab109429)

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

Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours

- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit **https://www.abcam.co.jp/abpromise** or contact our technical team.

Terms and conditions

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors