

Anti-FGF1 antibody [EPR19989] ab207321

リコンビナント **RabMAb**

5 References **画像数 3**

製品の概要

製品名	Anti-FGF1 antibody [EPR19989]
製品の詳細	Rabbit monoclonal [EPR19989] to FGF1
由来種	Rabbit
アプリケーション	適用あり: WB
種交差性	交差種: Mouse, Rat, Human
免疫原	Recombinant full length protein. This information is proprietary to Abcam and/or its suppliers.
ポジティブ・コントロール	WB: Human fetal kidney, fetal brain and glioma lysates; U-87 MG and Neuro-2a whole cell lysates; Mouse spinal cord, heart and kidney lysates; Rat heart lysate.
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>

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 long term. Avoid freeze / thaw cycle.
バッファー	<p>pH: 7.2</p> <p>Preservative: 0.01% Sodium azide</p> <p>Constituents: 59% PBS, 40% Glycerol, 0.05% BSA</p>
精製度	Protein A purified
ポリ/モノ	モノクローナル
クローン名	EPR19989
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ab207321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. Detects a band of approximately 16,18 kDa (predicted molecular weight: 17 kDa).

ターゲット情報

機能

The heparin-binding fibroblast growth factors play important roles in the regulation of cell survival, cell division, angiogenesis, cell differentiation and cell migration. They are potent mitogens in vitro.

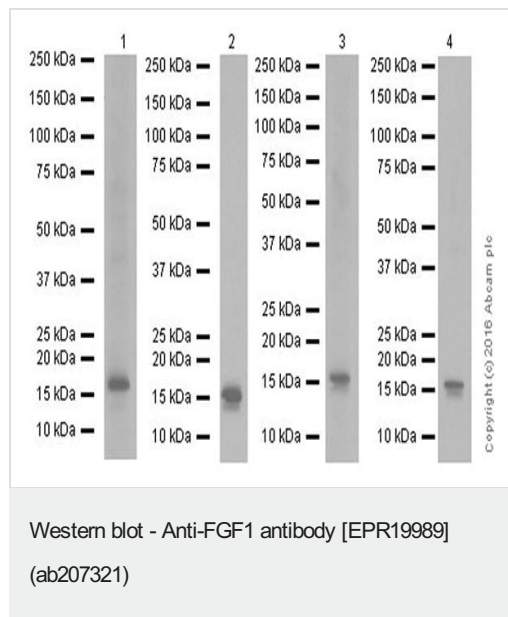
配列類似性

Belongs to the heparin-binding growth factors family.

細胞内局在

Secreted. Cytoplasm. Cytoplasm > cell cortex. Lacks a cleavable signal sequence. Within the cytoplasm, it is transported to the cell membrane and then secreted by a non-classical pathway that requires Cu(2+) ions and S100A13. Secreted in a complex with SYT1.

画像



All lanes : Anti-FGF1 antibody [EPR19989] (ab207321) at 1/1000 dilution

Lane 1 : U-87 MG (Human glioblastoma-astrocytoma epithelial cell line) whole cell lysate

Lane 2 : Human fetal kidney lysate

Lane 3 : Human fetal brain lysate

Lane 4 : Neuro-2a (Mouse neuroblastoma cell line) whole cell lysate

Lysates/proteins at 10 µg per lane.

Secondary

All lanes : Goat Anti-Rabbit IgG H&L (HRP) (**ab97051**) at 1/50000 dilution

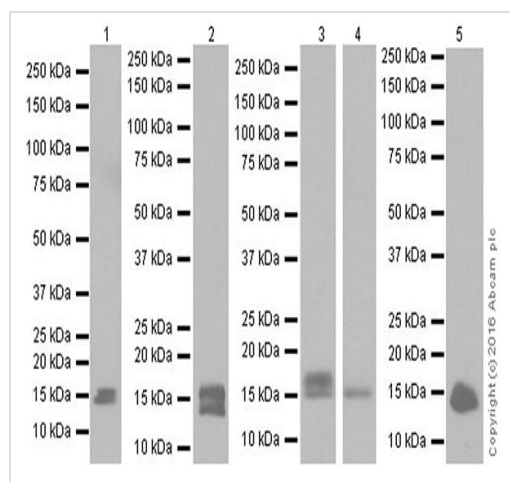
Predicted band size: 17 kDa

Observed band size: 16,18 kDa

Blocking/Dilution buffer: 5% NFDM/TBST.

Exposure times: Lane 1: 1 second; Lane 2/4: 5 seconds; Lane 3: 3 seconds.

The observed molecular weight is consistent with the literature (PMID: 16091423).



Western blot - Anti-FGF1 antibody [EPR19989] (ab207321)

All lanes : Anti-FGF1 antibody [EPR19989] (ab207321) at 1/1000 dilution

Lane 1 : Human glioma lysate

Lane 2 : Mouse spinal cord lysate

Lane 3 : Mouse heart lysate

Lane 4 : Mouse kidney lysate

Lane 5 : Rat heart lysate

Lysates/proteins at 10 µg per lane.

Secondary

Lane 1 : VeriBlot for IP Detection Reagent (HRP) ([ab131366](#)) at 1/4000 dilution

Lanes 2-5 : Goat Anti-Rabbit IgG H&L (HRP) ([ab97051](#)) at 1/100000 dilution

Predicted band size: 17 kDa

Observed band size: 16,18 kDa

Blocking/Dilution buffer: 5% NFDM/TBST.

Exposure times: Lane 1/2/5: 3 minutes; Lane 3: 10 seconds; Lane 4: 15 seconds.

The observed molecular weight is consistent with the literature (PMID: 16091423).

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-FGF1 antibody [EPR19989] (ab207321)

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

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