

Product datasheet

Anti-GDF7 antibody [EPR16000] ab189928

Recombinant **RabMAb**

[1 References](#) [6 Images](#)

Overview

Product name	Anti-GDF7 antibody [EPR16000]
Description	Rabbit monoclonal [EPR16000] to GDF7
Host species	Rabbit
Tested applications	Suitable for: WB, IHC-P, ICC/IF
Species reactivity	Reacts with: Mouse, Rat, Human
Immunogen	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
Positive control	Human fetal brain, C6 and Neuro-2a cell lysates; Human adenocarcinoma of colon and rat brain tissues, U87-MG cells.
General notes	<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>

Properties

Form	Liquid
Storage instructions	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.
Storage buffer	<p>pH: 7.2</p> <p>Preservative: 0.01% Sodium azide</p> <p>Constituents: 59% PBS, 40% Glycerol (glycerin, glycerine), 0.05% BSA</p>
Purity	Protein A purified
Clonality	Monoclonal
Clone number	EPR16000
Isotype	IgG

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab189928 in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		1/1000 - 1/10000. Detects a band of approximately 52 kDa (predicted molecular weight: 47 kDa).
IHC-P		1/1000 - 1/2000. Perform heat mediated antigen retrieval with Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.
ICC/IF		1/50.

Target

Function

May play an active role in the motor area of the primate neocortex.

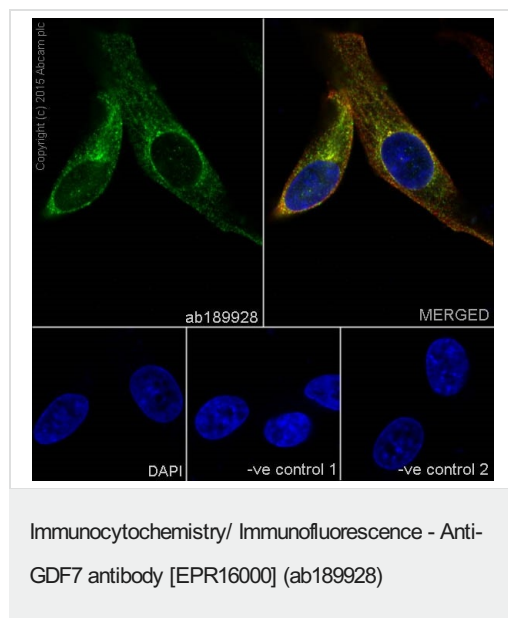
Sequence similarities

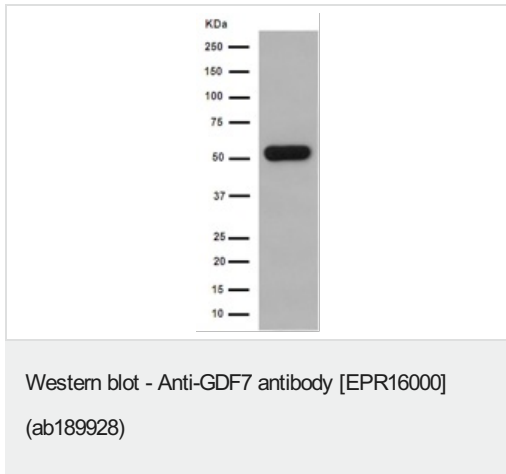
Belongs to the TGF-beta family.

Cellular localization

Secreted.

Images





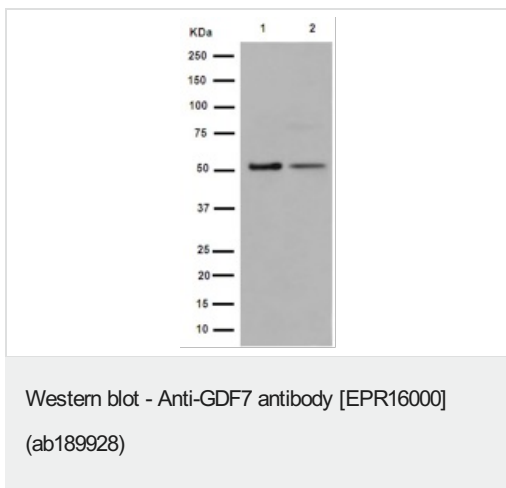
Anti-Spa-1 antibody [EPR14134] ([ab189929](#)) at 1/10000 dilution + Human fetal brain tissue lysate at 20 µg

Secondary

Anti-Rabbit IgG (HRP), specific to the non-reduced form of IgG at 1/1000 dilution

Predicted band size: 47 kDa

Additional bands at: 52 kDa. We are unsure as to the identity of these extra bands.



All lanes : Anti-GDF7 antibody [EPR16000] (ab189928) at 1/1000 dilution

Lane 1 : C6 cell lysate

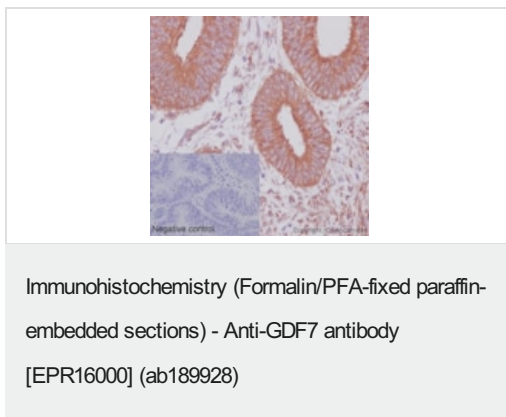
Lane 2 : Neuro-2a cell lysate

Lysates/proteins at 10 µg per lane.

Secondary

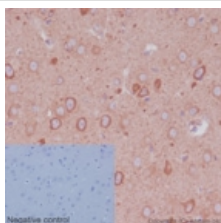
All lanes : Anti-Rabbit IgG (HRP), specific to the non-reduced form of IgG at 1/1000 dilution

Predicted band size: 47 kDa



Immunohistochemical analysis of formalin fixed, paraffin embedded Human adenocarcinoma of colon tissue labeling GDF7 with ab189928 at 1/2000 dilution, and prediluted HRP Polymer for Rabbit IgG as a secondary antibody. Counterstained with Hematoxylin.

Perform heat mediated antigen retrieval with Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-GDF7 antibody [EPR16000] (ab189928)

Immunohistochemical analysis of formalin fixed, paraffin embedded Human adenocarcinoma of colon labeling GDF7 with ab189928 at 1/2000 dilution, and prediluted HRP Polymer for Rabbit IgG as a secondary antibody. Counterstained with Hematoxylin.

Perform heat mediated antigen retrieval with Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.

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-GDF7 antibody [EPR16000] (ab189928)

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

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