


Product datasheet

Anti-FGD3 antibody [EPR12448] ab174857

Recombinant RabMAb

3 Images

Overview

<b>Product name</b>	Anti-FGD3 antibody [EPR12448]
<b>Description</b>	Rabbit monoclonal [EPR12448] to FGD3
<b>Host species</b>	Rabbit
<b>Tested applications</b>	<b>Suitable for:</b> WB, ICC/IF, Flow Cyt <b>Unsuitable for:</b> IHC-P or IP
<b>Species reactivity</b>	<b>Reacts with:</b> Mouse, Rat, Human <b>Predicted to work with:</b> Orangutan 
<b>Immunogen</b>	Synthetic peptide within Human FGD3 aa 100-200 (Cysteine residue). The exact sequence is proprietary. Database link: <a href="#">Q5JSP0</a>
<b>Positive control</b>	293T, K562, T.T and A549 cell lysates; A549 and K562 cells.
<b>General notes</b>	Our RabMAb <sup>®</sup> technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to <a href="#">RabMAb<sup>®</sup> patents</a> . This product is a <a href="#">recombinant rabbit monoclonal antibody</a> .

Properties

<b>Form</b>	Liquid
<b>Storage instructions</b>	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.
<b>Storage buffer</b>	pH: 7.20 Preservative: 0.01% Sodium azide Constituents: 9% PBS, 40% Glycerol, 0.05% BSA, 50% Tissue culture supernatant
<b>Purity</b>	Tissue culture supernatant
<b>Clonality</b>	Monoclonal
<b>Clone number</b>	EPR12448
<b>Isotype</b>	IgG

## Applications

Our [Abpromise guarantee](#) covers the use of **ab174857** 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. Predicted molecular weight: 79 kDa.
ICC/IF		1/50 - 1/100.
Flow Cyt		1/10 - 1/100. <a href="#">ab172730</a> - Rabbit monoclonal IgG, is suitable for use as an isotype control with this antibody.

**Application notes** Is unsuitable for IHC-P or IP.

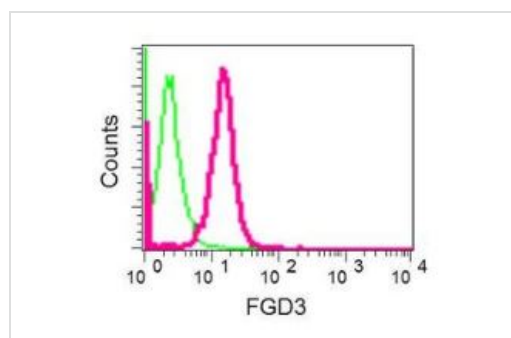
## Target

**Function** Promotes the formation of filopodia. May activate CDC42, a member of the Ras-like family of Rho- and Rac proteins, by exchanging bound GDP for free GTP. Plays a role in regulating the actin cytoskeleton and cell shape.

**Sequence similarities** Contains 1 DH (DBL-homology) domain.  
Contains 1 FYVE-type zinc finger.  
Contains 2 PH domains.

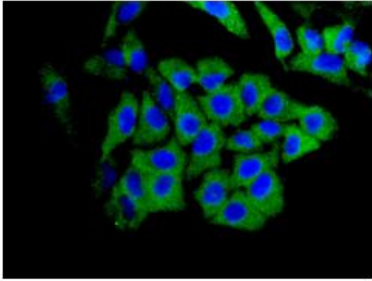
**Cellular localization** Cytoplasm. Cytoplasm > cytoskeleton.

## Images



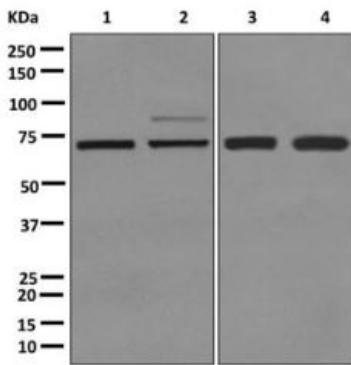
Flow cytometric analysis of permeabilized K562 cells labeling FGD3 using ab174857 at 1/10 dilution (red) or a rabbit IgG (green).

Flow Cytometry - Anti-FGD3 antibody [EPR12448]  
(ab174857)



Immunocytochemistry/ Immunofluorescence - Anti-FGD3 antibody [EPR12448] (ab174857)

Immunofluorescence analysis of A549 cells, labeling FGD3 using ab174857 at 1/50 dilution. DAPI nuclear staining (blue).



Western blot - Anti-FGD3 antibody [EPR12448] (ab174857)

**All lanes** : Anti-FGD3 antibody [EPR12448] (ab174857) at 1/1000 dilution

**Lane 1** : 293T cell lysate

**Lane 2** : K562 cell lysate

**Lane 3** : T.T cell lysate

**Lane 4** : A549 cell lysate

Lysates/proteins at 10 µg per lane.

**Predicted band size:** 79 kDa

**Please note:** All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

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