

Product datasheet

Anti-TMEM192 antibody [EPR14330-67] ab186737

Recombinant RabMAb

[1 References](#) [3 Images](#)

Overview

Product name	Anti-TMEM192 antibody [EPR14330-67]
Description	Rabbit monoclonal [EPR14330-67] to TMEM192
Host species	Rabbit
Tested applications	Suitable for: WB, Flow Cyt (Intra)
Species reactivity	Reacts with: Human
Immunogen	<p>This product was produced with the following immunogens:</p> <p>Recombinant fragment. This information is proprietary to Abcam and/or its suppliers.</p> <p>Recombinant fragment. This information is proprietary to Abcam and/or its suppliers.</p>
Positive control	U-87 MG, Human fetal liver and Human fetal lung lysates; U-87 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	EPR14330-67

Isotype

IgG

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab186737 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 31 kDa (predicted molecular weight: 31 kDa).
Flow Cyt (Intra)		1/180. ab172730 - Rabbit monoclonal IgG, is suitable for use as an isotype control with this antibody.

Target

Tissue specificity

Strongly expressed in kidney, liver, lung and pancreas.

Sequence similarities

Belongs to the TMEM192 family.

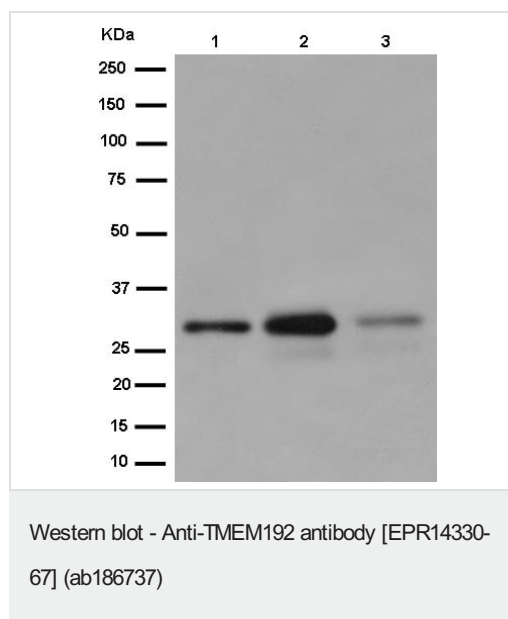
Post-translational modifications

Phosphorylated upon DNA damage, probably by ATM or ATR.
Not N-glycosylated.

Cellular localization

Lysosome membrane. Late endosome.

Images



All lanes : Anti-TMEM192 antibody [EPR14330-67] (ab186737) at 1/10000 dilution

Lane 1 : U87-MG cell lysate

Lane 2 : Human fetal liver lysate

Lane 3 : Human fetal lung lysate

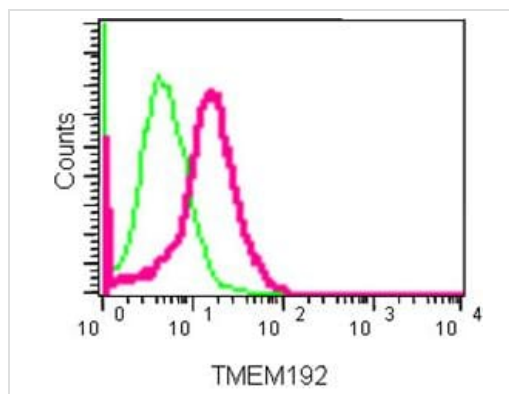
Lysates/proteins at 20 µg per lane.

Secondary

All lanes : Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugate at 1/1000 dilution

Predicted band size: 31 kDa





Observed band size: 31 kDa



Intracellular flow cytometric analysis of 2% paraformaldehyde-fixed U-87 MG cells labeling TMEM192 with ab186737 at 1/180 dilution (red) compared to a Rabbit monoclonal IgG isotype control (green), followed by goat anti-rabbit IgG (FITC) secondary antibody at 1/150 dilution.

Flow Cytometry (Intracellular) - Anti-TMEM192 antibody [EPR14330-67] (ab186737)

Why choose a recombinant antibody?

 <p>Research with confidence Consistent and reproducible results</p>	 <p>Long-term and scalable supply Recombinant technology</p>
 <p>Success from the first experiment Confirmed specificity</p>	 <p>Ethical standards compliant Animal-free production</p>

Anti-TMEM192 antibody [EPR14330-67] (ab186737)

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

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