

Product datasheet

Anti-TMEM30B antibody [EPR14409] ab185944

Recombinant RabMAb

3 Images

Overview

| | |
|----------------------------|---|
| Product name | Anti-TMEM30B antibody [EPR14409] |
| Description | Rabbit monoclonal [EPR14409] to TMEM30B |
| Host species | Rabbit |
| Tested applications | Suitable for: WB |
| Species reactivity | Reacts with: Mouse, Rat, Human |
| Immunogen | Recombinant fragment within Human TMEM30B aa 100-250 (internal sequence). The exact sequence is proprietary. Database link: Q3MIR4 |
| Positive control | MCF7, BxPC-3, mouse NIH 3T3 and mouse Raw264.7 cell lysates; rat kidney lysate. |
| General notes | |

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](#).

Reproducibility is key to advancing scientific discovery and accelerating scientists' next breakthrough.

Abcam is leading the way with our range of recombinant antibodies, knockout-validated antibodies and knockout cell lines, all of which support improved reproducibility.

We are also planning to innovate the way in which we present recommended applications and species on our product datasheets, so that only applications & species that have been tested in our own labs, our suppliers or by selected trusted collaborators are covered by our Abpromise[™] guarantee.

In preparation for this, we have started to update the applications & species that this product is Abpromise guaranteed for.

We are also updating the applications & species that this product has been "predicted to work

with," however this information is not covered by our Abpromise guarantee.

Applications & species from publications and Abreviews that have not been tested in our own labs or in those of our suppliers are not covered by the Abpromise guarantee.

Please check that this product meets your needs before purchasing. If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, as well as customer reviews and Q&As.

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 | pH: 7.2 Preservative: 0.01% Sodium azide Constituents: 59% PBS, 40% Glycerol (glycerin, glycerine), 0.05% BSA |
| Purity | Protein A purified |
| Clonality | Monoclonal |
| Clone number | EPR14409 |
| Isotype | IgG |

Applications

Our [Abpromise guarantee](#) covers the use of **ab185944** in the following tested applications.

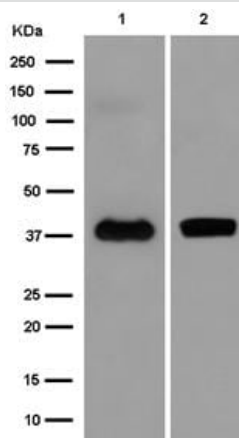
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

| Application | Abreviews | Notes |
|-------------|-----------|--|
| WB | | 1/1000 - 1/10000. Detects a band of approximately 39 kDa (predicted molecular weight: 39 kDa). |

Target

| | |
|------------------------------|-----------------------------------|
| Sequence similarities | Belongs to the CDC50/LEM3 family. |
| Cellular localization | Membrane. |

Images



Western blot - Anti-TMEM30B antibody [EPR14409] (ab185944)

All lanes : Anti-TMEM30B antibody [EPR14409] (ab185944) at 1/10000 dilution

Lane 1 : BxPC-3 cell lysate

Lane 2 : MCF7 cell lysate

Lysates/proteins at 20 µg per lane.

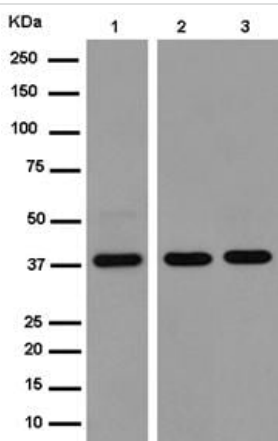
Secondary

All lanes : goat anti-rabbit IgG, (H+L), peroxidase conjugated at 1/1000 dilution

Developed using the ECL technique.

Predicted band size: 39 kDa

Observed band size: 39 kDa



Western blot - Anti-TMEM30B antibody [EPR14409] (ab185944)

All lanes : Anti-TMEM30B antibody [EPR14409] (ab185944) at 1/1000 dilution

Lane 1 : rat kidney lysate

Lane 2 : mouse Raw264.7 cell lysate

Lane 3 : mouse NIH 3T3 cell lysate

Lysates/proteins at 10 µg per lane.

Secondary

All lanes : goat anti-rabbit IgG, (H+L), peroxidase conjugated at 1/1000 dilution

Developed using the ECL technique.

Predicted band size: 39 kDa

Observed band size: 39 kDa

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-TMEM30B antibody [EPR14409] (ab185944)

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.com/abpromise> or contact our technical team.

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