

Product datasheet

Anti-VPS11 antibody [EPR10345] ab170869

Recombinant RabMAb

1 References 4 Images

Overview

Product name	Anti-VPS11 antibody [EPR10345]
Description	Rabbit monoclonal [EPR10345] to VPS11
Host species	Rabbit
Tested applications	Suitable for: WB, ICC/IF, IP Unsuitable for: Flow Cyt or IHC-P
Species reactivity	Reacts with: Mouse, Rat, Human
Immunogen	Synthetic peptide (the amino acid sequence is considered to be commercially sensitive) within Human VPS11 aa 900 to the C-terminus (Cysteine residue). The exact sequence is proprietary. Database link: Q9H270
Positive control	Human fetal brain, K562, 293T and HeLa lysates, HeLa cells
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: 9% PBS, 40% Glycerol (glycerin, glycerine), 0.05% BSA, 50% Tissue culture supernatant
Purity	Tissue culture supernatant
Clonality	Monoclonal
Clone number	EPR10345
Isotype	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab170869** 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: 108 kDa.
ICC/IF		1/100 - 1/250.
IP		1/10 - 1/100.

Application notes Is unsuitable for Flow Cyt or IHC-P.

Target

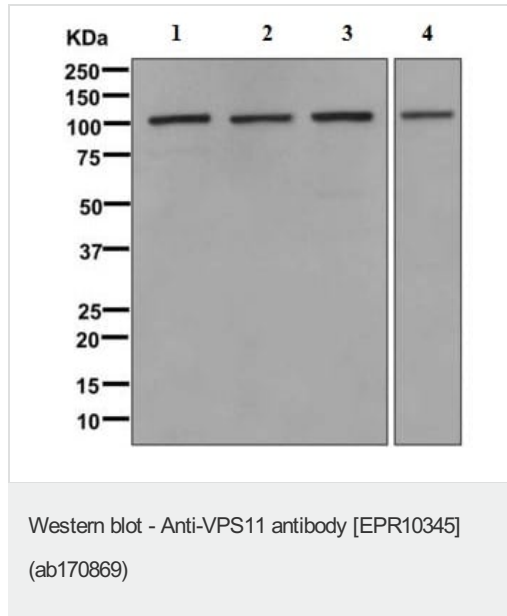
Function	May play a role in vesicle-mediated protein trafficking to lysosomal compartments and in membrane docking/fusion reactions of late endosomes/lysosomes.
Tissue specificity	Ubiquitous. Expression was highest in heart and low in lung.
Sequence similarities	Belongs to the VPS11 family. Contains 1 clathrin repeat.

Contains 1 RING-type zinc finger.

Cellular localization

Late endosome membrane. Lysosome membrane. Cytoplasmic vesicle.

Images



All lanes : Anti-VPS11 antibody [EPR10345] (ab170869) at 1/1000 dilution

Lane 1 : Human fetal brain lysate

Lane 2 : K562 cell lysate

Lane 3 : 293T cell lysate

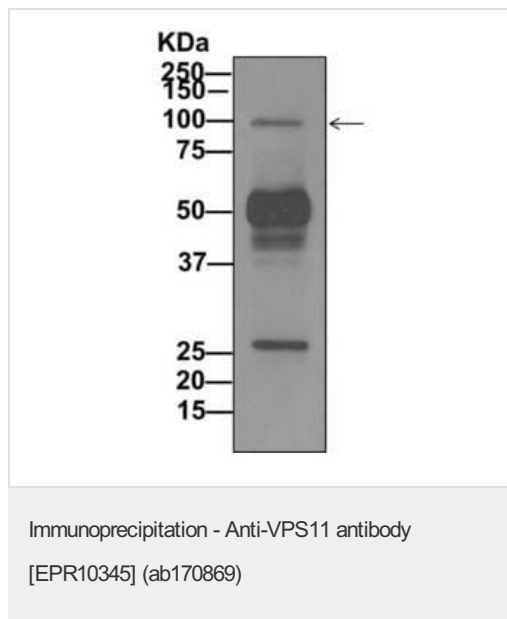
Lane 4 : HeLa cell lysate

Lysates/proteins at 10 µg per lane.

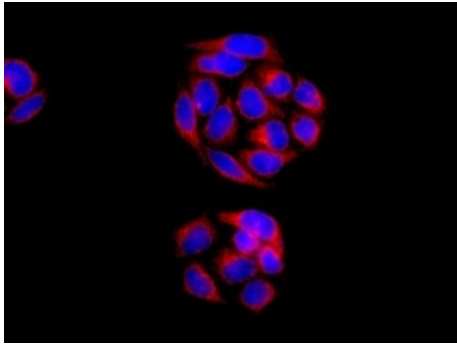
Secondary

All lanes : HRP labeled goat anti-rabbit IgG at 1/2000 dilution

Predicted band size: 108 kDa



Anti-VPS11 antibody [EPR10345] (ab170869) at 1/10 dilution + HEK-293T cell lysate



Immunofluorescent staining of HeLa cells labeling VPS11 using ab170869 at a 1/100 dilution (red) and DAPI nuclear staining (blue).

Immunocytochemistry/ Immunofluorescence - Anti-VPS11 antibody [EPR10345] (ab170869)

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-VPS11 antibody [EPR10345] (ab170869)

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.

Terms and conditions

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors