


Product datasheet

Anti-VPS28 antibody [EPR9881(B)] ab167172

Recombinant RabMAb

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Overview

Product name	Anti-VPS28 antibody [EPR9881(B)]
Description	Rabbit monoclonal [EPR9881(B)] to VPS28
Host species	Rabbit
Tested applications	Suitable for: WB, IHC-P, ICC/IF Unsuitable for: IP
Species reactivity	Reacts with: Human Predicted to work with: Mouse, Rat 
Immunogen	Synthetic peptide corresponding to Human VPS28.
Positive control	HepG2, Jurkat, Human fetal brain, A549 and Human fetal liver cell lysates; Human kidney tissue; HepG2 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.
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	Protein A purified
Clonality	Monoclonal

Clone number EPR9881(B)

Isotype IgG

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab167172 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: 25 kDa.
IHC-P		1/50 - 1/100. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.
ICC/IF		1/100 - 1/250.

Application notes Is unsuitable for IP.

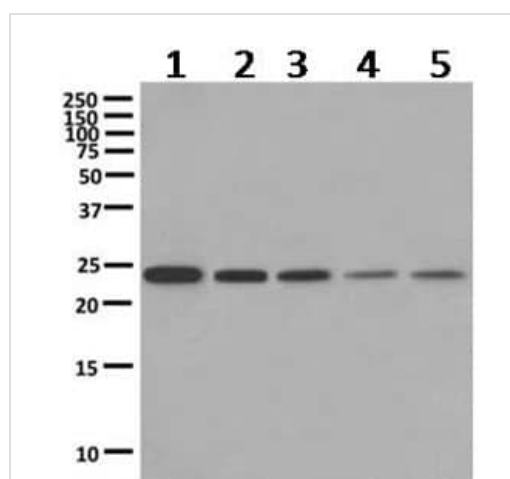
Target

Function Component of the ESCRT-I complex, a regulator of vesicular trafficking process.

Sequence similarities Belongs to the VPS28 family.
Contains 1 VPS28 C-terminal domain.
Contains 1 VPS28 N-terminal domain.

Cellular localization Cell membrane. Late endosome membrane.

Images



Western blot - Anti-VPS28 antibody [EPR9881(B)]
(ab167172)

All lanes : Anti-VPS28 antibody [EPR9881(B)] (ab167172) at 1/1000 dilution

Lane 1 : HepG2 cell lysate

Lane 2 : Jurkat cell lysate

Lane 3 : Human fetal brain tissue lysate

Lane 4 : A549 cell lysate

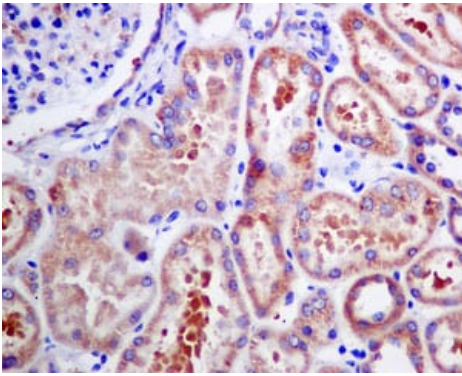
Lane 5 : Human fetal liver tissue lysate

Lysates/proteins at 10 µg per lane.

Secondary

All lanes : Goat anti-rabbit HRP at 1/2000 dilution

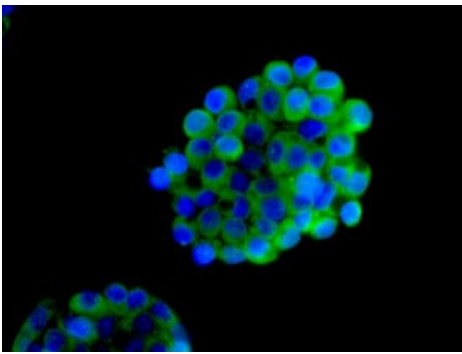
Predicted band size: 25 kDa



Immunohistochemical analysis of paraffin-embedded Human kidney tissue labeling VPS28 with ab167172 at 1/50 dilution.

Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-VPS28 antibody [EPR9881(B)] (ab167172)



Immunofluorescence analysis of HepG2 cells labeling VPS28 with ab167172 at 1/100 dilution.

Immunocytochemistry/ Immunofluorescence - Anti-VPS28 antibody [EPR9881(B)] (ab167172)

Why choose a recombinant antibody?

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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-VPS28 antibody [EPR9881(B)] (ab167172)

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

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