

Anti-VPS15 antibody [EPR5302(2)] - BSA and Azide free ab248210

Recombinant RabMAb

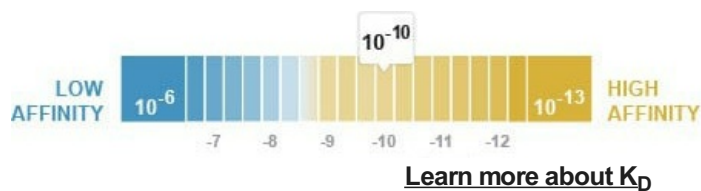
3 Images

Overview

Product name	Anti-VPS15 antibody [EPR5302(2)] - BSA and Azide free
Description	Rabbit monoclonal [EPR5302(2)] to VPS15 - BSA and Azide free
Host species	Rabbit
Tested applications	Suitable for: WB Unsuitable for: ICC/IF
Species reactivity	Reacts with: Mouse, Rat, Human
Immunogen	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
Positive control	WB: Raji, C6, and Neuro-2a whole cell lysates. Mouse 14.5 brain, Rat E14 brain, and Rat P0 brain lysates.
General notes	<p>ab248210 is the carrier-free version of ab128903.</p> <p>Our carrier-free antibodies are typically supplied in a PBS-only formulation, purified and free of BSA, sodium azide and glycerol. The carrier-free buffer and high concentration allow for increased conjugation efficiency.</p> <p>This conjugation-ready format is designed for use with fluorochromes, metal isotopes, oligonucleotides, and enzymes, which makes them ideal for antibody labelling, functional and cell-based assays, flow-based assays (e.g. mass cytometry) and Multiplex Imaging applications.</p> <p>Use our conjugation kits for antibody conjugates that are ready-to-use in as little as 20 minutes with <1 minute hands-on-time and 100% antibody recovery: available for fluorescent dyes, HRP, biotin and gold.</p> <p>This product is compatible with the Maxpar[®] Antibody Labeling Kit from Fluidigm, without the need for antibody preparation. Maxpar[®] is a trademark of Fluidigm Canada Inc.</p> <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. Do Not Freeze.
Dissociation constant (K_D)	$K_D = 1.22 \times 10^{-10} \text{ M}$



Storage buffer	pH: 7.2 Constituent: PBS
Carrier free	Yes
Purity	Protein A purified
Clonality	Monoclonal
Clone number	EPR5302(2)
Isotype	IgG

Applications

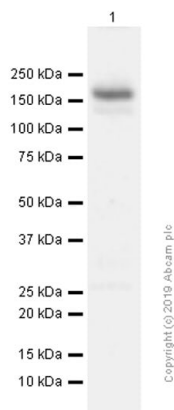
The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab248210 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		Use at an assay dependent concentration. Detects a band of approximately 150 kDa (predicted molecular weight: 153 kDa).

Application notes Is unsuitable for ICC/IF.

Target

Function	Regulatory subunit of the PI3K complex. May regulate membrane trafficking late in the endocytic pathway.
Tissue specificity	Ubiquitously expressed.
Sequence similarities	Belongs to the protein kinase superfamily. Ser/Thr protein kinase family. Contains 3 HEAT repeats. Contains 1 protein kinase domain. Contains 7 WD repeats.
Post-translational modifications	Myristoylated. Probably autophosphorylated.



Western blot - Anti-VPS15 antibody [EPR5302(2)] - BSA and Azide free (ab248210)

Anti-VPS15 antibody [EPR5302(2)] ([ab128903](#)) at 1/1000 dilution (Purified) + Raji (Human Burkitt's lymphoma B lymphocyte) whole cell lysates at 15 µg

Secondary

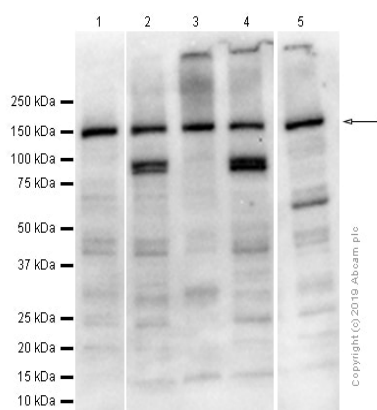
Goat Anti-Rabbit IgG H&L (HRP) ([ab97051](#)) at 1/20000 dilution

Predicted band size: 153 kDa

Observed band size: 150 kDa

This antibody detects high background.

This data was developed using the same antibody clone in a different buffer formulation containing PBS, BSA, glycerol, and sodium azide ([ab128903](#)).



Western blot - Anti-VPS15 antibody [EPR5302(2)] - BSA and Azide free (ab248210)

All lanes : Anti-VPS15 antibody [EPR5302(2)] ([ab128903](#)) at 1/500 dilution (Purified)

Lane 1 : Mouse E14.5 brain lysates

Lane 2 : Rat E14 brain lysates

Lane 3 : Rat P0 brain lysates

Lane 4 : C6 (Rat glial tumor glial cell) whole cell lysates

Lane 5 : Neuro-2a (Mouse neuroblastoma neuroblast) whole cell lysates

Lysates/proteins at 20 µg per lane.

Secondary

All lanes : Goat Anti-Rabbit IgG H&L (HRP) ([ab97051](#)) at 1/20000 dilution

Predicted band size: 153 kDa

Observed band size: 150 kDa

This antibody detects high background.

This data was developed using the same antibody clone in a different buffer formulation containing PBS, BSA, glycerol, and sodium azide ([ab128903](#)).

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

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

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