

## Product datasheet

### Anti-VPS15 antibody [EPR5302(2)] ab128903

Recombinant RabMAb

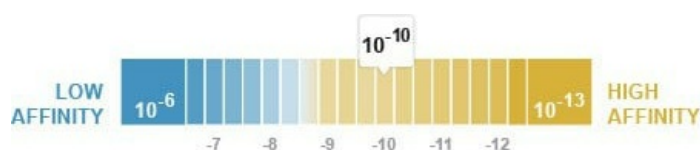
★★★★★ [5 Abreviews](#) [6 References](#) [4 Images](#)

#### Overview

Product name	Anti-VPS15 antibody [EPR5302(2)]
Description	Rabbit monoclonal [EPR5302(2)] to VPS15
Host species	Rabbit
Tested applications	<b>Suitable for:</b> WB <b>Unsuitable for:</b> ICC/IF
Species reactivity	<b>Reacts with:</b> Mouse, Rat, Human
Immunogen	Synthetic peptide within Human VPS15 aa 50-150. The exact sequence is proprietary.
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	This product is a recombinant monoclonal antibody, which offers several advantages including: <ul style="list-style-type: none"> <li>- High batch-to-batch consistency and reproducibility</li> <li>- Improved sensitivity and specificity</li> <li>- Long-term security of supply</li> <li>- Animal-free production</li> </ul> For more information <a href="#">see here</a> . Our RabMAb <sup>®</sup> technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to <a href="#">RabMAb<sup>®</sup> patents</a> .

#### 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.
Dissociation constant (K <sub>D</sub> )	K <sub>D</sub> = 1.22 x 10 <sup>-10</sup> M



[Learn more about K<sub>D</sub>](#)

Storage buffer	pH: 7.20
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	Preservative: 0.01% Sodium azide
	Constituents: 59% PBS, 40% Glycerol (glycerin, glycerine), 0.05% BSA
<b>Purity</b>	Protein A purified
<b>Clonality</b>	Monoclonal
<b>Clone number</b>	EPR5302(2)
<b>Isotype</b>	IgG

## Applications

**The Abpromise guarantee** Our **Abpromise guarantee** covers the use of ab128903 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

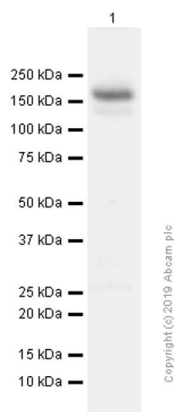
Application	Abreviews	Notes
<b>WB</b>	★★★★★ (3)	1/500. Detects a band of approximately 150 kDa (predicted molecular weight: 153 kDa). <b>For unpurified use at 1/1000 - 1/10000.</b>

**Application notes** Is unsuitable for ICC/IF.

## Target

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

## Images



Western blot - Anti-VPS15 antibody [EPR5302(2)]  
(ab128903)

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

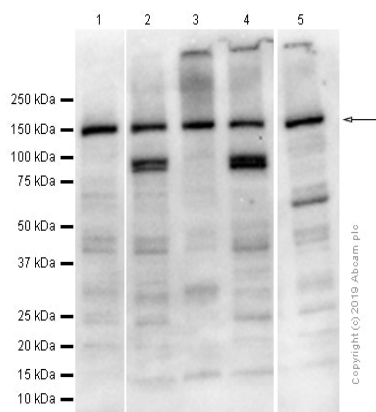
Goat Anti-Rabbit IgG H&L (HRP) ([ab97051](#)) at 1/20000 dilution

**Predicted band size:** 153 kDa

**Observed band size:** 150 kDa

This antibody detects high background.

Blocking/Diluting buffer: 5% NFDM/TBST



Western blot - Anti-VPS15 antibody [EPR5302(2)]  
(ab128903)

**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

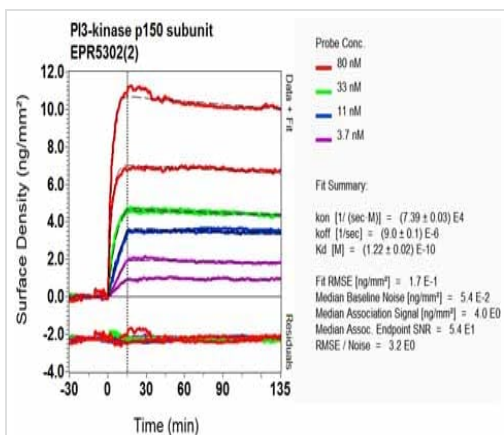
**All lanes :** Goat Anti-Rabbit IgG H&L (HRP) ([ab97051](#)) at 1/20000  
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Blocking/Diluting buffer: 5% NFDM/TBST

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OL-RD Scanning - Anti-VPS15 antibody  
 [EPR5302(2)] (ab128903)

Equilibrium disassociation constant ( $K_D$ )

Learn more about  $K_D$

[Click here to learn more about  \$K\_D\$](#)

### 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-VPS15 antibody [EPR5302(2)] (ab128903)

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

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