

## Product datasheet

### Anti-VPS15 antibody [EPR5303(2)] ab124817

Recombinant RabMAb

★★★★★ [1 Abreviews](#) [1 References](#) [3 Images](#)

#### Overview

Product name	Anti-VPS15 antibody [EPR5303(2)]
Description	Rabbit monoclonal [EPR5303(2)] to VPS15
Host species	Rabbit
Tested applications	<b>Suitable for:</b> WB, IHC-P <b>Unsuitable for:</b> IP
Species reactivity	<b>Reacts with:</b> Mouse, Rat, Human
Immunogen	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
Positive control	Raji cell lysate, Jurkat cell lysate, Molt-4 cell lysate, 293T cell lysate, C6 cell lysate and Raw 264.7 cell lysate. Human kidney tissue.
General notes	<p>This product is a recombinant monoclonal antibody, which offers several advantages including:</p> <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> <p>For more information <a href="#">see here</a>.</p> <p>Our RabMAb® technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to <a href="#">RabMAb® patents</a>.</p>

#### Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at -20°C. Stable for 12 months at -20°C.
Storage buffer	<p>pH: 7.20</p> <p>Preservative: 0.05% Sodium azide</p> <p>Constituents: 40% Glycerol (glycerin, glycerine), 9.85% Tris glycine, 50% Tissue culture supernatant</p>
Purity	Tissue culture supernatant
Clonality	Monoclonal
Clone number	EPR5303(2)

Isotype

IgG

## Applications

### The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab124817 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 150 kDa (predicted molecular weight: 153 kDa).
IHC-P		1/100 - 1/250. Perform heat mediated antigen retrieval before commencing with IHC staining protocol.

### Application notes

Is unsuitable for IP.

## Target

### Function

Regulatory subunit of the PI3K complex. May regulate membrane trafficking late in the endocytic pathway.

### Tissue specificity

Ubiquitously expressed.

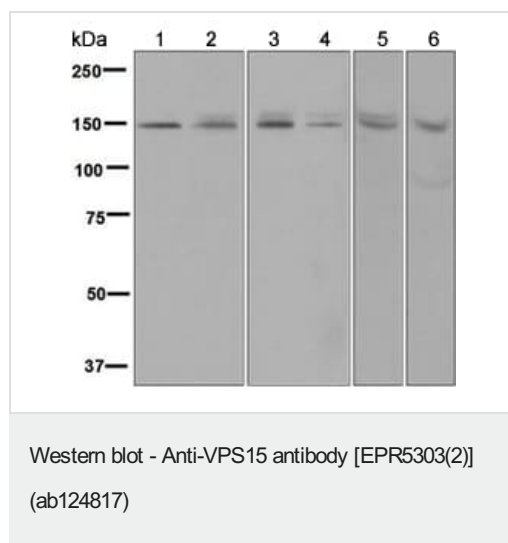
### Sequence similarities

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.

## Images



**All lanes :** Anti-VPS15 antibody [EPR5303(2)] (ab124817) at 1/1000 dilution

**Lane 1 :** Raji cell lysate

**Lane 2 :** Jurkat cell lysate

**Lane 3 :** Molt-4 cell lysate

**Lane 4 :** 293T cell lysate

**Lane 5 :** C6 cell lysate

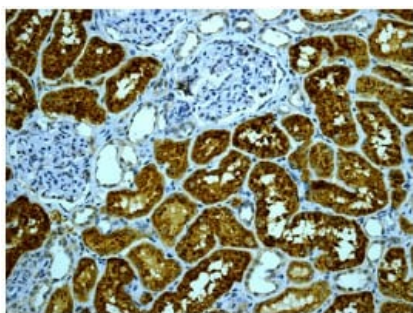
**Lane 6 :** Raw 264.7 cell lysate

Lysates/proteins at 10 µg per lane.

### Secondary

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

**Predicted band size:** 153 kDa



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-VPS15 antibody [EPR5303(2)] (ab124817)

ab124817 at 1/100 dilution, staining VPS15 in Formalin fixed Paraffin-embedded Human kidney tissue by Immunohistochemistry.

Perform heat mediated antigen retrieval before commencing with IHC staining protocol.

#### 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 [EPR5303(2)] (ab124817)

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

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- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

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