

# Anti-Phosphomevalonate kinase antibody [EPR15029] ab199725

Recombinant RabMAb

3 Images

### Overview

<b>Product name</b>	Anti-Phosphomevalonate kinase antibody [EPR15029]
<b>Description</b>	Rabbit monoclonal [EPR15029] to Phosphomevalonate kinase
<b>Host species</b>	Rabbit
<b>Tested applications</b>	<b>Suitable for:</b> WB
<b>Species reactivity</b>	<b>Reacts with:</b> Human
<b>Immunogen</b>	Recombinant fragment. This information is proprietary to Abcam and/or its suppliers.
<b>Positive control</b>	WB: HEK293 and HeLa whole cell lysates; Human fetal liver, fetal brain, fetal heart and fetal kidney lysates.
<b>General notes</b>	<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<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>.</p>

### Properties

<b>Form</b>	Liquid
<b>Storage instructions</b>	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.
<b>Storage buffer</b>	<p>pH: 7.2</p> <p>Preservative: 0.01% Sodium azide</p> <p>Constituents: 59% PBS, 40% Glycerol (glycerin, glycerine), 0.05% BSA</p>
<b>Purity</b>	Protein A purified
<b>Clonality</b>	Monoclonal
<b>Clone number</b>	EPR15029

Isotype

IgG

## Applications

### The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab199725 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. Detects a band of approximately 22 kDa (predicted molecular weight: 22 kDa).

## Target

### Tissue specificity

Heart, liver, skeletal muscle, kidney, and pancreas. Lower level in brain, placenta and lung.

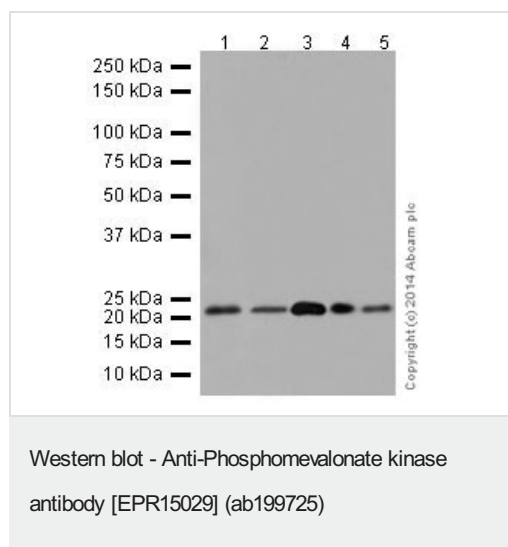
### Pathway

Isoprenoid biosynthesis; isopentenyl diphosphate biosynthesis via mevalonate pathway; isopentenyl diphosphate from (R)-mevalonate: step 2/3.

### Cellular localization

Peroxisome.

## Images



**All lanes :** Anti-Phosphomevalonate kinase antibody [EPR15029] (ab199725) at 1/1000 dilution

**Lane 1 :** HEK293 (Human embryonic kidney) whole cell lysate

**Lane 2 :** Human fetal liver tissue lysate

**Lane 3 :** Human fetal brain tissue lysate

**Lane 4 :** Human fetal heart tissue lysate

**Lane 5 :** Human fetal kidney tissue lysate

Lysates/proteins at 10 µg per lane.

### Secondary

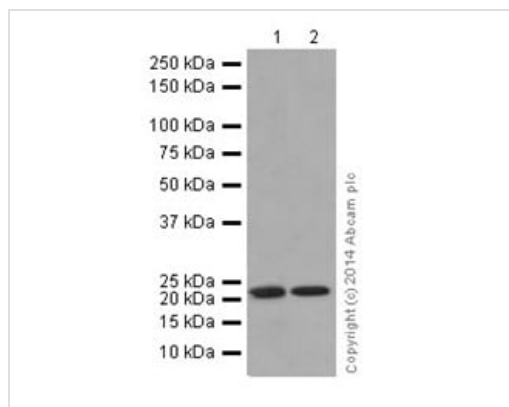
**All lanes :** Anti-Rabbit IgG (HRP), specific to the non-reduced form of IgG at 1/1000 dilution

**Predicted band size:** 22 kDa

**Observed band size:** 22 kDa

**Exposure time:** 3 minutes

Blocking/Dilution buffer: 5% NFDM/TBST.



Western blot - Anti-Phosphomevalonate kinase antibody [EPR15029] (ab199725)

**All lanes :** Anti-Phosphomevalonate kinase antibody [EPR15029] (ab199725) at 1/1000 dilution

**Lane 1 :** Human fetal kidney lysate

**Lane 2 :** HeLa (Human epithelial cells from cervix adenocarcinoma) whole cell lysate

Lysates/proteins at 10 µg per lane.

#### Secondary

**All lanes :** Anti-Rabbit IgG (HRP), specific to the non-reduced form of IgG at 1/1000 dilution

**Predicted band size:** 22 kDa

**Observed band size:** 22 kDa

**Exposure time:** 1 minute

Blocking/Dilution buffer: 5% NFDM/TBST.

Why choose a recombinant antibody?

 <p><b>Research with confidence</b> Consistent and reproducible results</p>	 <p><b>Long-term and scalable supply</b> Recombinant technology</p>
 <p><b>Success from the first experiment</b> Confirmed specificity</p>	 <p><b>Ethical standards compliant</b> Animal-free production</p>

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[EPR15029] (ab199725)

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

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