

Datasheet: VMA00358

**BATCH NUMBER 160415**

<b>Description:</b>	MOUSE ANTI RPS6KB2
<b>Specificity:</b>	RPS6KB2
<b>Format:</b>	Purified
<b>Product Type:</b>	PrecisionAb Monoclonal
<b>Isotype:</b>	IgG1
<b>Quantity:</b>	100 µl

## Product Details

### Applications

This product has been reported to work in the following applications. This information is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information. For general protocol recommendations, please visit [www.bio-rad-antibodies.com/protocols](http://www.bio-rad-antibodies.com/protocols).

	Yes	No	Not Determined	Suggested Dilution
Western Blotting	▪			1/1000

**The PrecisionAb label is reserved for antibodies that meet the defined performance criteria within Bio-Rad's ongoing antibody validation programme. Click [here](#) to learn how we validate our PrecisionAb range.** Where this product has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Further optimization may be required dependent on sample type.

### Target Species

Human

### Species Cross Reactivity

Reacts with: Mouse, Rat

**N.B.** Antibody reactivity and working conditions may vary between species. Cross reactivity is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information.

### Product Form

Purified IgG - liquid

### Preparation

Mouse monoclonal antibody purified by affinity chromatography on Protein G from tissue culture supernatant

### Buffer Solution

Phosphate buffered saline

### Preservative Stabilisers

0.09% Sodium Azide (NaN<sub>3</sub>)

<b>Immunogen</b>	Recombinant RPS6KB2 protein
<b>External Database Links</b>	<p><b>UniProt:</b>  <a href="#">Q9UBS0</a>    <a href="#">Related reagents</a></p> <p><b>Entrez Gene:</b>  <a href="#">6199</a>    RPS6KB2    <a href="#">Related reagents</a></p>
<b>Synonyms</b>	STK14B
<b>Specificity</b>	<p><b>Mouse anti Human RPS6KB2 antibody</b> recognizes ribosomal protein S6 kinase beta-2, also known as P70 S6 kinase beta, 70 kDa ribosomal protein S6 kinase 2, P70S6K2, S6 kinase-related kinase, S6K-beta, S6K-beta-2, p70 S6K-beta, p70 ribosomal S6 kinase beta, p70-S6K 2, serine/threonine-protein kinase 14 beta and serine/threonine-protein kinase 14B.</p> <p>The RPS6KB2 gene encodes a member of the RSK (ribosomal S6 kinase) family of serine/threonine kinases. This kinase contains 2 non-identical kinase catalytic domains and phosphorylates the S6 ribosomal protein and eukaryotic translation initiation factor 4B (eIF4B). Phosphorylation of S6 leads to an increase in protein synthesis and cell proliferation (provided by RefSeq, Jul 2008).</p> <p>Mouse anti Human RPS6KB2 antibody detects a band of 70 kDa. The antibody has been extensively validated for western blotting using whole cell lysates.</p>
<b>Western Blotting</b>	Anti RPS6KB2 detects a band of approximately 70 kDa in HEK293 cell lysates
<b>Storage</b>	Store undiluted at -20°C, avoiding repeated freeze thaw cycles.
<b>Guarantee</b>	12 months from date of despatch
<b>Acknowledgements</b>	PrecisionAb is a trademark of Bio-Rad Laboratories.
<b>Health And Safety Information</b>	Material Safety Datasheet documentation #10040 available at: <a href="https://www.bio-rad-antibodies.com/SDS/VMA00358">https://www.bio-rad-antibodies.com/SDS/VMA00358</a> Antibody (10040)
<b>Regulatory</b>	For research purposes only

## Related Products

### Recommended Secondary Antibodies

Goat Anti Mouse IgG (H/L) (STAR207...) [HRP](#)

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To find a batch/lot specific datasheet for this product, please use our online search tool at: [bio-rad-antibodies.com/datasheets](https://bio-rad-antibodies.com/datasheets)  
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