

Datasheet: VMA00358

| | |
|----------------------|------------------------|
| Description: | MOUSE ANTI RPS6KB2 |
| Specificity: | RPS6KB2 |
| Format: | Purified |
| Product Type: | PrecisionAb Monoclonal |
| Isotype: | IgG1 |
| Quantity: | 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.

| | 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 (NaN₃)

Immunogen Recombinant RPS6KB2 protein

External Database

Links

UniProt:

[Q9UBS0](#)

[Related reagents](#)

Entrez Gene:

[6199](#)

RPS6KB2

[Related reagents](#)

Synonyms

STK14B

Specificity

Mouse anti Human RPS6KB2 antibody 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.

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).

Mouse anti Human RPS6KB2 antibody detects a band of 70 kDa. The antibody has been extensively validated for western blotting using whole cell lysates.

Western Blotting

Anti RPS6KB2 detects a band of approximately 70 kDa in HEK293 cell lysates

Storage

Store undiluted at -20°C, avoiding repeated freeze thaw cycles.

Guarantee

12 months from date of despatch

Acknowledgements

PrecisionAb is a trademark of Bio-Rad Laboratories.

Health And Safety Information

Material Safety Datasheet documentation #10040 available at: Antibody (10040): <https://www.bio-rad-antibodies.com/uploads/MSDS/10040.pdf>

Regulatory

For research purposes only

Related Products

Recommended Secondary Antibodies

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

Recommended Negative Controls

[MOUSE IgG1 NEGATIVE CONTROL \(MCA928\)](#)

North & South America Tel: +1 800 265 7376
Fax: +1 919 878 3751

Worldwide Tel: +44 (0)1865 852 700
Fax: +44 (0)1865 852 739

Europe Tel: +49 (0) 89 8090 95 21
Fax: +49 (0) 89 8090 95 50

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

'M378607:210222'

Printed on 22 Mar 2021