

Datasheet: VMA00672

**BATCH NUMBER 170515**

<b>Description:</b>	MOUSE ANTI MEK 6
<b>Specificity:</b>	MEK 6
<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

**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 from ascites

### Buffer Solution

Phosphate buffered saline

### Preservative Stabilisers

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

**Immunogen** *E coli*-derived recombinant protein of partial human MEK 6

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**External Database**

**Links**

**UniProt:**

[P52564](#)   [Related reagents](#)

**Entrez Gene:**

[5608](#)   MAP2K6   [Related reagents](#)

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**Synonyms**

MEK6, MKK6, PRKMK6

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**Specificity**

**Mouse anti Human MEK 6 antibody** recognizes the dual specificity mitogen-activated protein kinase kinase 6, also known as MAPK/ERK kinase 6, MAPKK 6, SAPK kinase 3 or stress-activated protein kinase kinase 3.

The MAP2K6 gene encodes a member of the dual specificity protein kinase family, which functions as a mitogen-activated protein (MAP) kinase kinase. MAP kinases, also known as extracellular signal-regulated kinases (ERKs), act as an integration point for multiple biochemical signals. This protein phosphorylates and activates p38 MAP kinase in response to inflammatory cytokines or environmental stress. As an essential component of p38 MAP kinase mediated signal transduction pathway, MEK 6 is involved in many cellular processes such as stress induced cell cycle arrest, transcription activation and apoptosis (provided by RefSeq, Jul 2008).

Mouse anti MEK 6 antibody detects a band of 38 kDa. The antibody has been extensively validated for western blotting using whole cell lysates.

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**Western Blotting**

Mouse anti MEK 6 antibody detects a band of approximately 38 kDa in Jurkat cell lysates

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**Storage**

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

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**Guarantee**

12 months from date of despatch

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**Acknowledgements**

PrecisionAb is a trademark of Bio-Rad Laboratories.

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**Health And Safety Information**

Material Safety Datasheet documentation #10040 available at:  
<https://www.bio-rad-antibodies.com/SDS/VMA00672>  
Antibody (10040)

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**Regulatory**

For research purposes only

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## 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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