

Datasheet: VPA00907

**BATCH NUMBER 180704**

<b>Description:</b>	RABBIT ANTI MEK 1
<b>Specificity:</b>	MEK 1
<b>Format:</b>	Purified
<b>Product Type:</b>	PrecisionAb Polyclonal
<b>Isotype:</b>	Polyclonal IgG
<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: 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

Rabbit polyclonal antibody purified by affinity chromatography on immunogen

### Buffer Solution

Phosphate buffered saline

### Preservative Stabilisers

0.09% Sodium Azide  
<50% Glycerol

**Immunogen** Synthetic peptide of human MEK 1

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**External Database**

**Links**

**UniProt:**

[Q02750](#)

[Related reagents](#)

**Entrez Gene:**

[5604](#)

MAP2K1

[Related reagents](#)

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**Synonyms**

MEK1, PRKMK1

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**Specificity**

**Rabbit anti Human MEK 1 antibody** recognizes MEK 1, also known as MAP2K1, CFC3, ERK activator kinase 1 and dual specificity mitogen-activated protein kinase kinase 1.

The protein encoded by this gene is a member of the dual specificity protein kinase family, which acts 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 kinase lies upstream of MAP kinases and stimulates the enzymatic activity of MAP kinases upon wide variety of extra- and intracellular signals. As an essential component of MAP kinase signal transduction pathway, this kinase is involved in many cellular processes such as proliferation, differentiation, transcription regulation and development (provided by RefSeq, Jul 2008).

Rabbit anti Human MEK 1 antibody detects a band of 48 kDa. The antibody has been extensively validated for western blotting using whole cell lysates.

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**Western Blotting**

Anti MEK 1 antibody recognizes a band of approximately 48 kDa in A431 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 #20359 available at:  
<https://www.bio-rad-antibodies.com/SDS/VPA00907>  
Antibody (20359)

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**Regulatory**

For research purposes only

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## Related Products

### Recommended Secondary Antibodies

Goat Anti Rabbit IgG (H/L) (STAR208...) [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)  
'M371130:200529'

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