

## Datasheet: VMA00588

<b>Description:</b>	MOUSE ANTI PPP2CA
<b>Specificity:</b>	PPP2CA
<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 ascites.

#### Buffer Solution

HEPES buffered saline.

#### Preservative Stabilisers

0.09% Sodium Azide (NaN<sub>3</sub>)  
1% Bovine Serum Albumin  
<50% Glycerol

#### Immunogen

Synthetic Peptide of human PPP2CA

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**External Database****Links****UniProt:**

[P67775](#)    [Related reagents](#)

**Entrez Gene:**

[5515](#)    PPP2CA    [Related reagents](#)

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**Specificity**

**Mouse anti Human PPP2CA antibody** recognizes the serine/threonine-protein phosphatase 2A catalytic subunit alpha isoform, also known as PP2A-alpha, protein phosphatase 2A catalytic subunit, alpha isoform or replication protein C.

PPP2CA gene encodes the phosphatase 2A catalytic subunit. Protein phosphatase 2A is one of the four major Ser/Thr phosphatases, and it is implicated in the negative control of cell growth and division. It consists of a common heteromeric core enzyme, which is composed of a catalytic subunit and a constant regulatory subunit, that associates with a variety of regulatory subunits. PPP2CA gene encodes an alpha isoform of the catalytic subunit (provided by RefSeq, Jul 2008).

Mouse anti Human PPP2CA antibody detects a band of 36 kDa. The antibody has been extensively validated for western blotting using whole cell lysates.

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**Western Blotting**

Anti PPP2CA detects a band of approximately 36 kDa in HEK293 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:  
Antibody (20359): <https://www.bio-rad-antibodies.com/uploads/MSDS/20359.pdf>

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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](#)

### Recommended Negative Controls

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

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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://www.bio-rad-antibodies.com/datasheets)

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