

Datasheet: VMA00365

Description:	MOUSE ANTI PPP5C
Specificity:	PPP5C
Format:	Purified
Product Type:	PrecisionAb Monoclonal
Clone:	OTI5G5
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
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 ₃) 1% Bovine Serum Albumin 50% Glycerol
Approx. Protein Concentrations	IgG concentration 0.5 mg/ml.
Immunogen	Full length recombinant human PPP5C (NP_006238) produced in HEK293T cells

**External Database
Links**

UniProt:

[P53041](#) [Related reagents](#)

Entrez Gene:

[5536](#) PPP5C [Related reagents](#)

Synonyms

PPP5

Specificity

Mouse anti Human PPP5C antibody, clone OT15G5 recognizes PPP5C, also known as serine/threonine-protein phosphatase 5 and protein phosphatase T (PPT).

The PPP5C gene encodes a serine/threonine phosphatase which is a member of the protein phosphatase catalytic subunit family. Proteins in this family participate in pathways regulated by reversible phosphorylation at serine and threonine residues, many of which are involved in the regulation of cell growth and differentiation. The product of the PPP5C gene has been shown to participate in signaling pathways in response to hormones or cellular stress, and elevated levels of this protein may be associated with breast cancer development. Alternative splicing results in multiple transcript variants (provided by RefSeq, Feb 2011).

Mouse anti Human PPP5C antibody detects a band of 58 kDa. The antibody has been extensively validated for western blotting using whole cell lysates.

Western Blotting

Anti PPP5C detects a band of approximately 58 kDa in HeLa 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 #10048 available at:
Antibody (10048): <https://www.bio-rad-antibodies.com/uploads/MSDS/10048.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 \(MCA928\)](#)

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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

