

Datasheet: VMA00090

Description:	MOUSE ANTI PTPN11/6
Specificity:	PTPN11/6
Format:	Purified
Product Type:	PrecisionAb Monoclonal
Clone:	CD01-3E11
Isotype:	IgG2b
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
Immunoprecipitation	▪			
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

0.09% Sodium Azide (NaN₃).

Stabilisers

Approx. Protein Concentrations IgG concentration 0.5 mg/ml.

Immunogen *E. coli* derived recombinant protein of human PTPN11

External Database Links

UniProt:

[Q06124](#)

[Related reagents](#)

Entrez Gene:

[5781](#)

PTPN11

[Related reagents](#)

Synonyms PTP2C, SHPTP2

Specificity

Mouse anti Human PTPN11/6 antibody recognizes the tyrosine-protein phosphatase non-receptor type 11, also known as PTP-2C, protein-tyrosine phosphatase 1D, protein-tyrosine phosphatase 2C and tyrosine-protein phosphatase non-receptor type 11. This antibody has also been shown to recognize the tyrosine-protein phosphatase non-receptor type 6, also known as HCP, HCPH, HPTP1C, PTP-1C, SH-PTP1, SHP-1, SHP-1L and SHP1.

The proteins encoded by PTPN11 and the PTPN6 genes are members of the protein tyrosine phosphatase (PTP) family. PTPs are known to be signaling molecules that regulate a variety of cellular processes including cell growth, differentiation, mitotic cycle, and oncogenic transformation. Mouse anti Human PTPN11/6 antibody detects a band of 68 kDa in whole cell lysates. The antibody has been extensively validated for western blotting.

Western Blotting Anti PTPN11/6 detects a band of approximately 68 kDa in Jurkat 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: <https://www.bio-rad-antibodies.com/SDS/VMA00090>
Antibody (10040)

Regulatory For research purposes only.

Related Products

Recommended Secondary Antibodies

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

Recommended Negative Controls

[MOUSE IgG2b NEGATIVE CONTROL \(MCA691\)](#)

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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

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