

Datasheet: VMA00090

BATCH NUMBER 150415

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
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 Stabilisers	0.09% Sodium Azide (NaN ₃)
Approx. Protein Concentrations	IgG concentration 0.5 mg/ml
Immunogen	<i>E. coli</i> derived recombinant protein of human PTPN11
External Database Links	<p>UniProt: Q06124 Related reagents</p> <p>Entrez Gene: 5781 PTPN11 Related reagents</p>
Synonyms	PTP2C, SHPTP2
Specificity	<p>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.</p> <p>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.</p>
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](#)

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batch/lot specific datasheet for this product, please use our online search tool at: bio-rad-antibodies.com/datasheets

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