

Datasheet: VMA00414

BATCH NUMBER 160303

Description:	MOUSE ANTI JAB1
Specificity:	JAB1
Format:	Purified
Product Type:	PrecisionAb Monoclonal
Clone:	AB08/2G2
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 Stabilisers	0.09% Sodium Azide (NaN ₃)
Approx. Protein Concentrations	IgG concentration 0.5 mg/ml
Immunogen	<i>E.coli</i> -derived recombinant human JAB1
External Database Links	<p>UniProt: Q92905 Related reagents</p> <p>Entrez Gene: 10987 COPS5 Related reagents</p>
Synonyms	CSN5, JAB1
Specificity	<p>Mouse anti Human JAB1 antibody recognizes JAB1, also known as 38 kDa Mov34 homolog, COP9 constitutive photomorphogenic homolog subunit 5, COP9 signalosome complex subunit 5, COPS5, jun activation domain-binding protein 1 or signalosome subunit 5.</p> <p>The protein encoded by the COPS5 gene is one of the eight subunits of COP9 signalosome, a highly conserved protein complex that functions as an important regulator in multiple signaling pathways. The structure and function of COP9 signalosome is similar to that of the 19S regulatory particle of 26S proteasome. COP9 signalosome has been shown to interact with SCF-type E3 ubiquitin ligases and act as a positive regulator of E3 ubiquitin ligases. This protein is reported to be involved in the degradation of cyclin-dependent kinase inhibitor CDKN1B/p27Kip1. It is also known to be a coactivator that increases the specificity of JUN/AP1 transcription factors (provided by RefSeq, Jul 2008).</p> <p>Mouse anti Human JAB1 antibody detects a band of 36 kDa. The antibody has been extensively validated for western blotting using whole cell lysates.</p>
Western Blotting	Anti JAB1 detects a band of approximately 36 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/VMA00414 Antibody (10040)
Regulatory	For research purposes only

Related Products

Recommended Secondary Antibodies

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

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