

Datasheet: VMA00297

Description:	MOUSE ANTI IL-23 RECEPTOR
Specificity:	IL-23 RECEPTOR
Format:	Purified
Product Type:	PrecisionAb Monoclonal
Clone:	OTI5H9
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

Species Cross Reactivity

Reacts with: Mouse

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 from ascites

Buffer Solution

Phosphate buffered saline

Preservative Stabilisers

0.09% Sodium Azide (NaN₃)
1% Bovine Serum Albumin

25% Glycerol

Approx. Protein Concentrations	IgG concentration 0.5 mg/ml
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Immunogen	Recombinant protein corresponding to amino acids 57-355 of human interleukin-23 receptor (NP_653302) produced in <i>E. coli</i>
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External Database Links	UniProt: Q5VWK5 Related reagents
	Entrez Gene: 149233 IL23R Related reagents

Specificity	Mouse anti Human interleukin-23 receptor antibody recognizes the interleukin-23 (IL-23) receptor. Encoded by the IL23R gene, the IL-23 receptor is a subunit of the receptor for IL23A/IL23. This protein pairs with the receptor molecule IL12RB1/IL12Rbeta1, and both are required for IL23A signaling. This protein associates constitutively with Janus kinase 2 (JAK2), and also binds to transcription activator STAT3 in a ligand-dependent manner (provided by RefSeq, Jul 2008). Mouse anti Human interleukin-23 receptor antibody detects a band of 69 kDa. The antibody has been extensively validated for western blotting using whole cell lysates.
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Western Blotting	Anti IL-23 receptor detects a band of approximately 69 kDa in K562 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 #10048 available at: Antibody (10048): https://www.bio-rad-antibodies.com/uploads/MSDS/10048.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 \(MCA928\)](#)

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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