

Datasheet: VMA00500

**BATCH NUMBER 160801**

<b>Description:</b>	MOUSE ANTI INTERLEUKIN-1RA
<b>Specificity:</b>	IL-1RA
<b>Other names:</b>	INTERLEUKIN-1 RECEPTOR ANTAGONIST
<b>Format:</b>	Purified
<b>Product Type:</b>	PrecisionAb Monoclonal
<b>Isotype:</b>	IgG1
<b>Quantity:</b>	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](http://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.

<b>Target Species</b>	Human
<b>Product Form</b>	Purified IgG - liquid
<b>Preparation</b>	Mouse monoclonal antibody purified by affinity chromatography on Protein G from tissue culture supernatant
<b>Buffer Solution</b>	Phosphate buffered saline
<b>Preservative Stabilisers</b>	0.09% Sodium Azide (NaN <sub>3</sub> )
<b>Immunogen</b>	<i>E. coli</i> derived recombinant protein corresponding to amino acids 26-177 of human interleukin-1RA (IL-1RA)

**External Database  
Links**

**UniProt:**

[P18510](#)   [Related reagents](#)

**Entrez Gene:**

[3557](#)   IL1RN   [Related reagents](#)

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**Synonyms**

IL1F3, IL1RA

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**Specificity**

**Mouse anti Human interleukin-1RA antibody** recognizes the interleukin-1 receptor antagonist protein, also known as IL1 inhibitor, intracellular interleukin-1 receptor antagonist or type II interleukin-1 receptor antagonist.

The protein encoded by IL1RN gene is a member of the interleukin 1 cytokine family. This protein inhibits the activities of interleukin 1, alpha (IL1A) and interleukin 1, beta (IL1B), and modulates a variety of interleukin 1 related immune and inflammatory responses. IL1RN and five other closely related cytokine genes form a gene cluster spanning approximately 400 kb on chromosome 2. A polymorphism of IL1RN is reported to be associated with increased risk of osteoporotic fractures and gastric cancer. Four alternatively spliced transcript variants encoding distinct isoforms have been reported (provided by RefSeq, Jul 2008).

Mouse anti Human interleukin-1RA antibody detects a band of 18 kDa. The antibody has been extensively validated for western blotting using whole cell lysates.

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**Western Blotting**

Anti interleukin-1RA detects a band of approximately 18 kDa in A431 cell lysate

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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 #10040 available at:  
<https://www.bio-rad-antibodies.com/SDS/VMA00500>  
Antibody (10040)

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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](#)

**North & South  
America**

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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](https://www.bio-rad-antibodies.com/datasheets)

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