

## Datasheet: VMA00100

<b>Description:</b>	MOUSE ANTI PRSS1
<b>Specificity:</b>	PRSS1
<b>Format:</b>	Purified
<b>Product Type:</b>	PrecisionAb Monoclonal
<b>Isotype:</b>	IgG2b
<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>	Recombinant protein corresponding to amino acids 31-138 of human PRSS1

### External Database Links

#### UniProt:

[P07477](#)

[Related reagents](#)

#### Entrez Gene:

<b>Synonyms</b>	TRP1, TRY1, TRYP1
<b>Specificity</b>	<p><b>Mouse anti Human PRSS1 antibody</b> recognizes PRSS1, also known as beta-trypsin, cationic trypsinogen, digestive zymogen, nonfunctional trypsin 1, trypsin-1, trypsinogen 1 and trypsinogen A.</p> <p>The PRSS1 gene encodes a trypsinogen, which is a member of the trypsin family of serine proteases. This enzyme is secreted by the pancreas and cleaved to its active form in the small intestine. It is active on peptide linkages involving the carboxyl group of lysine or arginine. Mutations in PRSS1 are associated with hereditary pancreatitis. PRSS1 and several other trypsinogen genes are localized to the T cell receptor beta locus on chromosome 7 (provided by RefSeq, Jul 2008).</p> <p>Mouse anti Human PRSS1 antibody detects a band of 27 kDa. The antibody has been extensively validated for western blotting using whole cell lysates.</p>
<b>Western Blotting</b>	Anti PRSS1 detects a band of approximately 27 kDa in human pancreas tissue lysates
<b>Storage</b>	Store undiluted at -20°C, avoiding repeated freeze thaw cycles.
<b>Guarantee</b>	12 months from date of despatch.
<b>Acknowledgements</b>	PrecisionAb is a trademark of Bio-Rad Laboratories.
<b>Health And Safety Information</b>	Material Safety Datasheet documentation #10040 available at: <a href="https://www.bio-rad-antibodies.com/SDS/VMA00100">https://www.bio-rad-antibodies.com/SDS/VMA00100</a> Antibody (10040)
<b>Regulatory</b>	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](https://www.bio-rad-antibodies.com/datasheets)  
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