

Datasheet: VMA00100

Description:	MOUSE ANTI PRSS1
Specificity:	PRSS1
Format:	Purified
Product Type:	PrecisionAb™ Monoclonal
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

PrecisionAb antibodies have been extensively [validated for the western blot application](#). The antibody has been validated at the suggested dilution. 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 dependant on sample type.

Target Species	Human
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)
Immunogen	Recombinant protein corresponding to amino acids 31-138 of human PRSS1
External Database Links	UniProt: P07477 Related reagents Entrez Gene: 5644 PRSS1 Related reagents
Synonyms	TRP1, TRY1, TRYP1
Specificity	Mouse anti Human PRSS1 antibody recognizes PRSS1, also known as beta-trypsin, cationic trypsinogen, digestive zymogen, nonfunctional trypsin 1, trypsin-1, trypsinogen 1 and trypsinogen A.

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).

Mouse anti Human PRSS1 antibody detects a band of 27 kDa. The antibody has been extensively validated for western blotting using whole cell lysates.

Western Blotting	Anti PRSS1 detects a band of approximately 27 kDa in human pancreas tissue lysates
Instructions For Use	Please refer to the PrecisionAb western blotting protocol . For additional information on secondary antibody dilution and exposure time see product web page.
Storage	Store undiluted at -20°C, avoiding repeated freeze thaw cycles.
Shelf Life	As supplied, 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: Antibody (10040): https://www.bio-rad-antibodies.com/uploads/MSDS/10040.pdf
Regulatory	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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