

Datasheet: VMA00127

Description:	MOUSE ANTI LMAN1
Specificity:	LMAN1
Format:	Purified
Product Type:	PrecisionAb™ Monoclonal
Clone:	OT12B10
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

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 from ascites.
Buffer Solution	Phosphate buffered saline
Preservative Stabilisers	0.09% Sodium Azide (NaN ₃) 1% Bovine Serum Albumin 50% Glycerol
Immunogen	Full length recombinant human LMAN1 (NP_005561) produced in HEK293T cells
External Database Links	UniProt: P49257 Related reagents Entrez Gene: 3998 LMAN1 Related reagents
Synonyms	ERGIC53, F5F8D

Specificity **Mouse anti Human LMAN1 antibody** recognizes LMAN1, also known as ER-Golgi intermediate compartment 53 kDa protein, endoplasmic reticulum-golgi intermediate compartment protein 53, intracellular mannose specific lectin, intracellular mannose-specific lectin MR60 and protein ERGIC-53.

Encoded by the LMAN1 gene, this protein is a type I integral membrane protein localized in the intermediate region between the endoplasmic reticulum and the Golgi, presumably recycling between the two compartments. It is a mannose-specific lectin and is a member of a novel family of plant lectin homologs in the secretory pathway of animal cells. Mutations in the LMAN1 gene are associated with a coagulation defect. Using positional cloning, the gene was identified as the disease gene leading to combined factor V-factor VIII deficiency, a rare, autosomal recessive disorder in which both coagulation factors V and VIII are diminished (provided by RefSeq, Jul 2008).

Mouse anti Human LMAN1 antibody detects a band of 54 kDa. The antibody has been extensively validated for western blotting using whole cell lysates.

Western Blotting	Anti LMAN1 detects a band of approximately 54 kDa in HEK293 cell 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 #10048 available at: Antibody (10048): https://www.bio-rad-antibodies.com/uploads/MSDS/10048.pdf
Regulatory	For research purposes only

Related Products

Recommended Secondary Antibodies

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

Recommended Negative Controls

[MOUSE IgG1 NEGATIVE CONTROL \(MCA928\)](#)

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