

## Datasheet: VMA00127

<b>Description:</b>	MOUSE ANTI LMAN1
<b>Specificity:</b>	LMAN1
<b>Format:</b>	Purified
<b>Product Type:</b>	PrecisionAb Monoclonal
<b>Clone:</b>	OTI2B10
<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 from ascites.
<b>Buffer Solution</b>	Phosphate buffered saline.
<b>Preservative Stabilisers</b>	0.09% Sodium Azide (NaN <sub>3</sub> ) 1% Bovine Serum Albumin 50% Glycerol
<b>Approx. Protein Concentrations</b>	IgG concentration 0.5 mg/ml.
<b>Immunogen</b>	Full length recombinant human LMAN1 (NP_005561) produced in HEK293T cells

**External Database  
Links**

**UniProt:**

[P49257](#)   [Related reagents](#)

**Entrez Gene:**

[3998](#)   LMAN1   [Related reagents](#)

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**Synonyms**

ERGIC53, F5F8D

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**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.

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**Western Blotting**

Anti LMAN1 detects a band of approximately 54 kDa in HEK293 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:  
<https://www.bio-rad-antibodies.com/SDS/VMA00127>  
Antibody (10048)

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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 \(MCA928\)](#)

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find a

batch/lot specific datasheet for this product, please use our online search tool at: [bio-rad-antibodies.com/datasheets](https://bio-rad-antibodies.com/datasheets)

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