

Mouse LMAN1 Monoclonal Antibody | anti-LMAN1 antibody

LMAN1 antibody

CATALOG # AAA107547	HOST Mouse	APPLICATIONS Western Blot, Immunofluorescence
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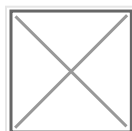
PRODUCT SYNONYMS

LMAN1; Monoclonal Antibody; LMAN1 antibody; Monoclonal LMAN1; Anti-LMAN1; Lectin Mannose-Binding 1; ERGIC-53; ERGIC53; F5F8D; FMFD1; MCFD1; MR60; gp58; LMAN 1; LMAN-1; anti-LMAN1 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Clone Number	2B10
Purity/Purification	LMAN1 antibody was purified by affinity chromatography.
Form/Format	Supplied in PBS buffer, pH 7.3, containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration	500 ug-1 mg/ml (varies by lot)
Sequence Length	510
Applicable Applications for anti-LMAN1 antibody	WB (Western Blot), IF (Immunofluorescence)
Biological Significance	LMAN1 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. The protein 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 its gene are associated with a coagulation defect. Using positional cloning, its 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.
Cross-Reactivity	Human, Monkey
Immunogen	LMAN1 antibody was raised in mouse using a full length recombinant protein of human LMAN1 (NP_005561) produced in HEK293T cells, as the immunogen.
Preparation and Storage	Store at 4 degree C for short term storage. Aliquot and store at -20 degree C for long term storage. Avoid repeated freeze/thaw cycles.

IMAGES



WB (Western Blot)

Western Blot analysis of HEK293T cell lysates (5 ug) transfected with either recombinant LMAN1 protein (Right) or empty vector (Left) detected with LMAN1 antibody

ADDITIONAL INFORMATION

Related Product Information for anti-LMAN1 antibody	Mouse monoclonal LMAN1 antibody
Product Categories/Family for anti-LMAN1 antibody	Cell Biology

NCBI AND UNIPROT INFORMATION

NCBI GI #	5031873
NCBI GeneID	3998
NCBI Accession #	NP_005561
NCBI GenBank Nucleotide #	NM_005570.3
UniProt Accession #	P49257; Q12895; Q8N5I7; Q9UQG1; Q9UQG2; Q9UQG3; Q9UQG4; Q9UQG5; Q9UQG6; Q9UQG7; Q9UQG8; Q9UQG9
Molecular Weight	57,549 Da
NCBI Official Full Name	protein ERGIC-53
NCBI Official Synonym Full Names	lectin, mannose-binding, 1
NCBI Official Symbol	LMAN1
NCBI Official Synonym Symbols	MR60; gp58; F5F8D; FMFD1; MCFD1; ERGIC53; ERGIC-53
NCBI Protein Information	protein ERGIC-53
UniProt Protein Name	Protein ERGIC-53
UniProt Gene Name	LMAN1
UniProt Synonym Gene Names	ERGIC53; F5F8D
UniProt Entry Name	LMAN1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/lman1-antibody-clone-2b10-western-blot-immunofluorescence-elisa/107547>