



Anti-LMAN1 monoclonal antibody, clone 2C9 (DCABH-775)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Mouse monoclonal to LMAN1
Antigen Description	Mannose-specific lectin. May recognize sugar residues of glycoproteins, glycolipids, or glycosylphosphatidyl inositol anchors and may be involved in the sorting or recycling of proteins, lipids, or both. The LMAN1-MCFD2 complex forms a specific cargo receptor for the ER-to-Golgi transport of selected proteins.
Immunogen	Recombinant full length Human LMAN1 produced in HEK293T cells (NP_005561).
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	Rat, Dog, Human, Monkey
Clone	2C9
Purification	This antibody is purified from Mouse ascites fluid by affinity chromatography.
Conjugate	Unconjugated
Applications	WB
Positive Control	HEK293T cell lysate transfected with pCMV6-ENTRY LMAN1 cDNA; A549, COS7, HeLa, HepG2, HT29, Jurkat, MCF7, MDCK and PC12 cell extracts.
Format	Liquid
Size	100 µl
Buffer	pH: 7.30; Preservative: 0.02% Sodium azide; Constituents: 48% PBS, 50% Glycerol, 1% BSA

Preservative	0.02% Sodium Azide
Storage	store at -20°C. Avoid repeated freeze / thaw cycles.
Ship	Shipped at 4°C.

GENE INFORMATION

Gene Name	LMAN1 lectin, mannose-binding, 1 [Homo sapiens]
Official Symbol	LMAN1
Synonyms	LMAN1; lectin, mannose-binding, 1; coagulation factor V factor VIII combined deficiency , F5F8D; protein ERGIC-53; endoplasmic reticulum golgi intermediate compartment protein 53; ERGIC 53; ERGIC53; FMFD1; gp58; MCFD1; MR60; intracellular mannose specific
Entrez Gene ID	3998
Protein Refseq	NP_005561
UniProt ID	A0A024R2A7
Chromosome Location	18q21.3-q22
Pathway	Asparagine N-linked glycosylation, organism-specific biosystem; Metabolism of proteins, organism-specific biosystem; Post-translational protein modification, organism-specific biosystem; Protein processing in endoplasmic reticulum, organism-specific biosystem; Protein processing in endoplasmic reticulum, conserved biosystem; Signaling events mediated by TCPTP, organism-specific biosystem; Transport to the Golgi and subsequent modification, organism-specific biosystem;
Function	identical protein binding; mannose binding; metal ion binding; protein binding; sugar binding; unfolded protein binding;