

LMAN1 Rabbit mAb

Catalog No: #59655

Package Size: #59655-1 50ul #59655-2 100ul

Description

Product Name	LMAN1 Rabbit mAb
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Purification	Affinity-chromatography
Applications	WB IHC ICC/IF
Species Reactivity	Human Mouse Rat
Specificity	LMAN1 Antibody detects endogenous levels of total LMAN1
Immunogen Description	A synthesized peptide derived from human LMAN1
Other Names	ERGIC5; F5F8D; FMFD1; Gp58; Lman1; MCFD1; MR60;
Accession No.	Uniprot:P49257
Calculated MW	Predicted band size: 58 kDa
SDS-PAGE MW	Observed band size: 58 kDa
Formulation	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

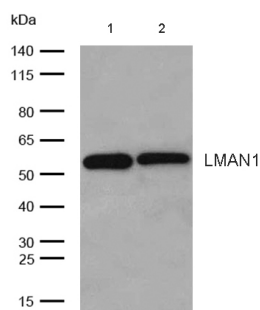
Application Details

WB: 1:500-1:2000

IHC: 1:50-1:200

ICC/IF: 1:50-1:200

Images



All lanes: LMAN1 Rabbit mAb at 1/1k dilution

Lane 1 : HeLa whole cell lysates Lane 2 : JK whole cell lysates

Lysates/proteins at 20 µg per lane.

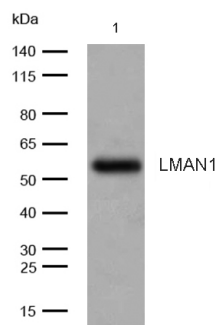
Secondary

All lanes : Goat Anti-Rabbit IgG H&L (HRP) at 1/20000 dilution

Predicted band size: 58 kDa

Observed band size: 58 kDa

Exposure time: 7 seconds



All lanes: LMAN1 Rabbit mAb at 1/1k dilution

Lane 1 : Mouse liver lysates
Lysates/proteins at 20 µg per lane.

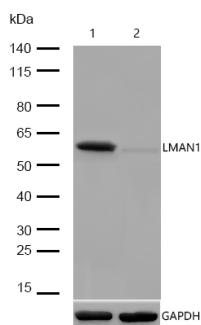
Secondary

All lanes : Goat Anti-Rabbit IgG H&L (HRP) at 1/20000 dilution

Predicted band size: 58 kDa

Observed band size: 58 kDa

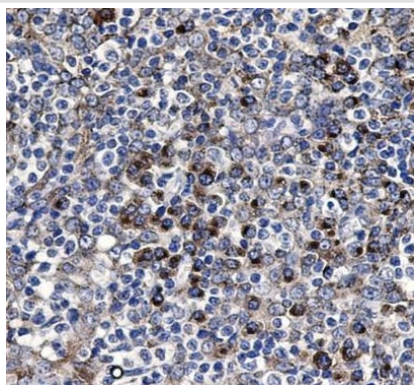
Exposure time: 9 seconds



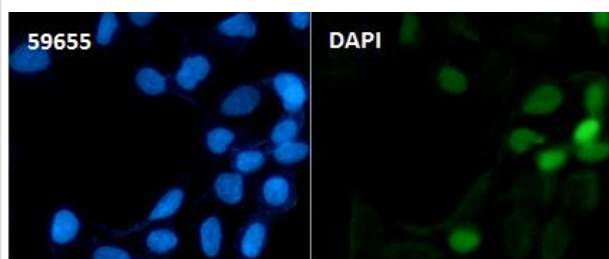
All lanes: LMAN1 Rabbit mAb at 1/1k dilution

Lane 1 : Wild-type HAP1 cell lysate
Lane 2 : LMAN1 Rabbit mAb knockdown HAP1 cell lysate

Lysates/proteins at 20 µg per lane.



Formalin-fixed, paraffin-embedded human tonsil tissue stained for LMAN1 using 59655 at 1/100 dilution in immunohistochemical analysis.



Immunocytochemistry/ Immunofluorescence LMAN1 antibody (59655)

ICC/IF staining of LMAN1 in SH-SY5Y cells. Cells were fixed with 4% Paraformaldehyde permeabilized with 0.1% Triton X-100.

Samples were incubated with 59655 at a working dilution of 1/100. The secondary antibody was Alexa FluorB 488 goat anti rabbit, used at a dilution of 1/500.

Nuclei

were counterstained with DAPI.

Background

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.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.