

Name: Purified LMAN1 mouse monoclonal antibody, clone 1B8
Product Data Sheet

Catalog: TA502269

Gene Name: Homo sapiens lectin, mannose-binding, 1 (LMAN1)
 GeneBank accession: NM_005570
 Isotype: IgG1

Reactivity: Human, Dog, Rat, Monkey
 Test application: WB
 Clone Name: clone 1B8

Gene Synonym: ERGIC-53; ERGIC53; F5F8D; FMFD1; gp58; MCFD1; MR60

Guaranteed Applications: WB

Suggested Dilutions: WB 1:200~500,

Immunogen: Full length human recombinant protein of human LMAN1 (NP_005561) produced in HEK293T cell.

Components:

- Purified LMAN1 mouse monoclonal antibody, clone 1B8 (TA502269)
- 1 vial of 20ug myc-DDK tagged LMAN1 HEK293T over-expression lysate lyophilized in RIPA buffer (LY401709) (Reconstitute into 20ul of 1x SDS sample buffer before loading)

Amount:

TA502269-100 100ul

Concentration: 0.5~1.0 mg/ml (Lot Dependent)

Storage Condition: Shipped at 4C. Upon delivery store at -20C. Dilute in PBS (pH7.3) before use. Stable for 12 months from date of receipt. Avoid repeated freeze-thaws.

Buffer: PBS (PH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide.

Purification:

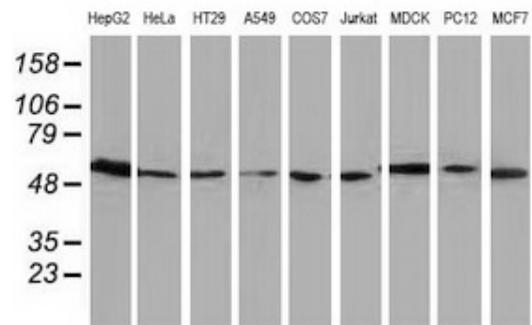
Purified from mouse ascites fluids by affinity chromatography

Background:

The protein encoded by this gene 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 the 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].

Validation Data:

Western Blot



Western blot analysis of extracts (35ug) from 9 different cell lines by using anti-LMAN1 monoclonal antibody.

Related Product:

TrueORF cDNA clones
 VERIFY Tagged Antigen lysates
 HuSH-29 shRNA
 Western Blot reagents
 Anti-myc/DDK tag antibodies

* Peptide sequence of the DDK-tag (Flag®): N-DYKDDDDK-C Flag® is a registered trademark of Sigma-Aldrich

* More validation images may be available on our website:

This product is to be used for laboratory only. Not for diagnostic or therapeutic use.

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