

**LMAN1 Antibody**  
**Rabbit mAb**  
**Catalog # AP91657**

## Specification

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### LMAN1 Antibody - Product Information

|                                                 |                        |
|-------------------------------------------------|------------------------|
| Application                                     | WB, IHC, ICC           |
| Primary Accession                               | <a href="#">P49257</a> |
| Reactivity                                      | Rat                    |
| Clonality                                       | Monoclonal             |
| <b>Other Names</b>                              |                        |
| ERGIC5; F5F8D; FMFD1; Gp58; Lman1; MCFD1; MR60; |                        |

|               |            |
|---------------|------------|
| Isotype       | Rabbit IgG |
| Host          | Rabbit     |
| Calculated MW | 57549 Da   |

### LMAN1 Antibody - Additional Information

|                              |                                                                                                                                                                                                                                                                                                                         |
|------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Dilution                     | WB~~1:1000<br>IHC~~1:100~500<br>ICC~~N/A                                                                                                                                                                                                                                                                                |
| Purification                 | Affinity-chromatography                                                                                                                                                                                                                                                                                                 |
| Immunogen                    | A synthesized peptide derived from human LMAN1                                                                                                                                                                                                                                                                          |
| 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. |
| Storage Condition and Buffer | Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.                                                                                                                                       |

### LMAN1 Antibody - Protein Information

**Name** LMAN1

**Synonyms** ERGIC53, F5F8D

#### Function

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.

#### **Cellular Location**

Endoplasmic reticulum-Golgi intermediate compartment membrane; Single-pass type I membrane protein. Golgi apparatus membrane; Single-pass membrane protein. Endoplasmic reticulum membrane; Single-pass type I membrane protein

#### **Tissue Location**

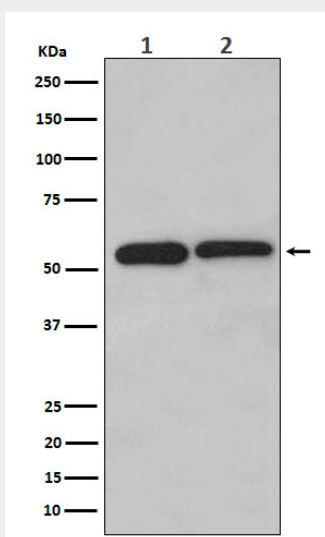
Ubiquitous..

### **LMAN1 Antibody - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

### **LMAN1 Antibody - Images**



Western blot analysis of LMAN1 expression in (1) HeLa cell lysate; (2) Jurkat cell lysate.