

# Anti-LMAN1 Rabbit Monoclonal Antibody

Catalog # ABO15988

## Product Information

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|--------------------------|------------------------------------------------------------------------------------------------------------------------------|
| <b>Application</b>       | WB, IHC, IF, ICC                                                                                                             |
| <b>Primary Accession</b> | <a href="#">P49257</a>                                                                                                       |
| <b>Host</b>              | Rabbit                                                                                                                       |
| <b>Isotype</b>           | IgG                                                                                                                          |
| <b>Reactivity</b>        | Rat, Human, Mouse                                                                                                            |
| <b>Clonality</b>         | Monoclonal                                                                                                                   |
| <b>Format</b>            | Liquid                                                                                                                       |
| <b>Description</b>       | Anti-LMAN1 Rabbit Monoclonal Antibody . Tested in WB, IHC, ICC/IF applications. This antibody reacts with Human, Mouse, Rat. |

## Additional Information

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|----------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene ID</b>                         | 3998                                                                                                                                                                  |
| <b>Other Names</b>                     | Protein ERGIC-53, ER-Golgi intermediate compartment 53 kDa protein, Gp58, Intracellular mannose-specific lectin MR60, Lectin mannose-binding 1, LMAN1, ERGIC53, F5F8D |
| <b>Calculated MW</b>                   | 57549                                                                                                                                                                 |
| <b>Application Details</b>             | WB 1:500-1:2000<br>IHC 1:50-1:200<br>ICC/IF 1:50-1:200                                                                                                                |
| <b>Source</b>                          | Eukaryota                                                                                                                                                             |
| <b>Contents</b>                        | Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.                                                   |
| <b>Clone Names</b><br><b>Immunogen</b> | Clone: 25L67<br>A synthesized peptide derived from human LMAN1                                                                                                        |
| <b>Purification</b>                    | Affinity-chromatography                                                                                                                                               |
| <b>Storage</b>                         | Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.                            |

## Protein Information

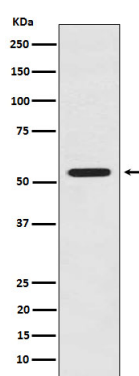
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|-----------------|----------------|
| <b>Name</b>     | LMAN1          |
| <b>Synonyms</b> | ERGIC53, F5F8D |

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|--------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Function</b>          | 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. |
| <b>Cellular Location</b> | 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                                                                                         |
| <b>Tissue Location</b>   | Ubiquitous..                                                                                                                                                                                                                                                                                                            |

## Images

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Western blot analysis of LMAN1 expression in HeLa cell lysate.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.