

## Product Information

### Anti-LMAN1

antibody produced in chicken,  
affinity isolated antibody

Catalog Number **GW21589A**

Formerly listed as GenWay Catalog Number 15-288-21589A,  
ERGIC-53 protein Antibody.

Storage Temperature Store at -20 °C

Synonyms: Lectin, mannose-binding, 1, ER-Golgi intermediate compartment 53 kDa protein; Lectin, mannose-binding 1; Gp58; Intracellular mannose-specific lectin MR60

### Product 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.

NCBI Accession number: NP\_005561.1

Swiss Prot Accession number: P49257

Gene Information: Human .. LMAN1 (3998)

Immunogen: Recombinant protein Lectin, mannose-binding, 1

Immunogen Sequence: GI # 5031873, sequence 270 - 470

The product is a clear, colorless solution in phosphate buffered saline, pH 7.2, containing 0.02% sodium azide.

Species Reactivity: Human

Tested Applications: WB

Recommended Dilutions: Recommended starting dilution for Western blot analysis is 1:500, for tissue or cell staining 1:200.

Note: Optimal concentrations and conditions for each application should be determined by the user.

### Precautions and Disclaimer

This product is for R&D use only, not for drug, household, or other uses. Due to the sodium azide content a material safety data sheet (MSDS) for this product has been sent to the attention of the safety officer of your institution. Please consult the Material Safety Data Sheet for information regarding hazards and safe handling practices.

### Storage/Stability

For continuous use, store at 2–8 °C for up to one week. For extended storage, store in -20 °C freezer in working aliquots. Repeated freezing and thawing, or storage in "frostfree" freezers, is not recommended. If slight turbidity occurs upon prolonged storage, clarify the solution by centrifugation before use. Working dilution samples should be discarded if not used within 12 hours.

LPG,MAM12/09-1

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