

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 inter-
mediate 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-bind-
ing, 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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