

Product Information

Anti-M6PR
antibody produced in chicken,
affinity isolated antibody

Catalog Number **GW21444**

Formerly listed as GenWay Catalog Number 15-288-21444,
Cation-dependent mannose-6-phosphate receptor Anti-
body.

Storage Temperature Store at -20 °C

Synonyms: Cation-dependent mannose-6-phosphate re-
ceptor, CD Man-6-P receptor; CD-MPR; 46 kDa mannose 6-
phosphate receptor; MPR 46

Product Description

Transport of phosphorylated lysosomal enzymes from the
Golgi complex and the cell surface to lysosomes. Lysosomal
enzymes bearing phosphomannosyl residues bind specifi-
cally to mannose-6-phosphate receptors in the Golgi
apparatus and the resulting receptor-ligand complex is
transported to an acidic prelysosomal compartment where
the low pH mediates the dissociation of the complex.

NCBI Accession number: NP_002346.1

Swiss Prot Accession number: P20645

Gene Information: Human .. M6PR (4074)

Immunogen: Recombinant protein Cation-dependent
mannose-6-phosphate receptor

Immunogen Sequence: GI # 4505061, sequence 60 - 114

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

Species Reactivity: Human, mouse, rat

Tested Applications: ICC, 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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