

M6PR Antibody

Rabbit mAb Catalog # AP92463

Specification

M6PR Antibody - Product Information

Application Primary Accession Reactivity Clonality Other Names CD MPR; M6pr; Man6PR; MPR46; MPRD; SMPR;	WB, FC, ICC <u>P20645</u> Rat Monoclonal
lsotype Host Calculated MW	Rabbit IgG Rabbit 30993 Da
M6PR Antibody - Additional Information	
Dilution	WB~~1:1000 FC~~1:10~50 ICC~~N/A
Purification Immunogen	Affinity-chromatography A synthesized peptide derived from human M6PR
Description	Transport of phosphorylated lysosomal enzymes from the Golgi complex and the cell surface to lysosomes. Lysosomal enzymes bearing phosphomannosyl residues bind specifically to mannose-6-phosphate receptors in the Golgi apparatus and the resulting receptor-ligand complex is transported to an acidic prelyosomal compartment where the low pH mediates the dissociation of the
Storage Condition and Buffer	complex. 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.

M6PR Antibody - Protein Information

Name M6PR

Synonyms MPR46, MPRD

Function



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

Cellular Location

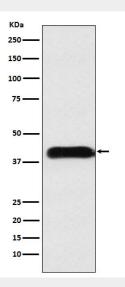
Lysosome membrane; Single-pass type I membrane protein

M6PR Antibody - Protocols

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

- <u>Western Blot</u>
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- <u>Cell Culture</u>

M6PR Antibody - Images



Western blot analysis of M6PR expression in A549 cell lysate.