10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

# M6PR Antibody
**Rabbit mAb**
**Catalog # AP92463**

## Specification

### M6PR Antibody - Product Information

| | |
|---|---|
| Application | **WB, FC, ICC** |
| Primary Accession | P20645 |
| Reactivity | **Rat** |
| Clonality | **Monoclonal** |
| **Other Names** | |
| CD MPR; M6pr; Man6PR; MPR46; MPRD; SMPR; | |
| Isotype | **Rabbit IgG** |
| Host | **Rabbit** |
| Calculated MW | **30993 Da** |

### M6PR Antibody - Additional Information

| | |
|---|---|
| Dilution | **WB~~1:1000<br>FC~~1:10~50<br>ICC~~N/A** |
| Purification | **Affinity-chromatography** |
| Immunogen | **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 complex.** |
| Storage Condition and Buffer | **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**

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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.

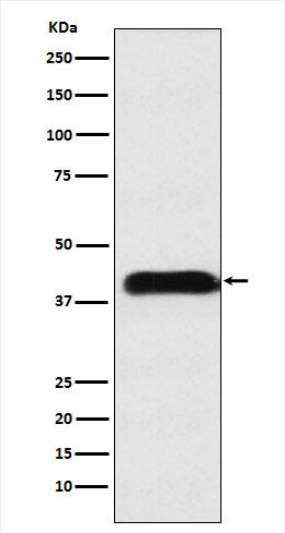
**Cellular Location**
Lysosome membrane; Single-pass type I membrane protein

## M6PR Antibody - Protocols

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

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

## M6PR Antibody - Images




Western blot analysis of M6PR expression in A549 cell lysate.