

M6PR Antibody

Rabbit mAb

Catalog # AP92463

Product Information

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

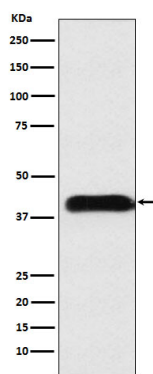
Additional Information

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| Dilution | WB 1:500~1:2000 ICC/IF 1:50~1:200 FC 1:50 |
| 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 prelysosomal 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. |

Protein Information

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|--------------------------|--|
| 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 prelysosomal compartment where the low pH mediates the dissociation of the complex. |
| Cellular Location | Lysosome membrane; Single-pass type I membrane protein |

Images



Western blot analysis of M6PR expression in A549 cell lysate.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.