

Anti-M6PR Rabbit Monoclonal Antibody

Catalog # ABO15882

Product Information

Application	WB, IF, ICC, FC
Primary Accession	P20645
Host	Rabbit
Isotype	IgG
Reactivity	Rat, Human, Mouse
Clonality	Monoclonal
Format	Liquid
Description	Anti-M6PR Rabbit Monoclonal Antibody . Tested in WB, ICC/IF, Flow Cytometry applications. This antibody reacts with Human, Mouse, Rat.

Additional Information

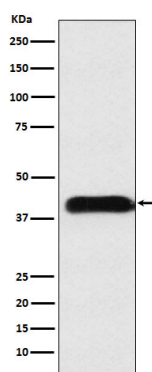
Gene ID	4074
Other Names	Cation-dependent mannose-6-phosphate receptor, CD Man-6-P receptor, CD-MPR, 46 kDa mannose 6-phosphate receptor, MPR 46, M6PR, MPR46, MPRD
Calculated MW	30993
Application Details	WB 1:500-1:2000 ICC/IF 1:50-1:200 FC 1:50
Source	Eukaryota
Contents	Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.
Clone Names	Clone: 24M59
Immunogen	A synthesized peptide derived from human M6PR
Purification	Affinity-chromatography
Storage	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.

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 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'.