

Product Datasheet

M6PR/IGF2R Antibody

Catalog No: CY5516

Reactivity: Human Mouse Rat

Isotype: Rabbit IgG

Applications: WB IHC ICC/IF FC IP



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Information

UniProt ID: P11717

All Names: IGF2R; CI Man-6-P receptor; CI-MPR; M6PR; MPR 300; Insulin-like growth factor 2 receptor; M6P/IGF2R; CD222;

Form: Liquid

Storage instructions: Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

Storage buffer: pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Purity: Affinity-chromatography

Immunogen: A synthesized peptide

Molecular Wt.: 274 kDa

Application

WB 1:5000~1:20000

IHC 1:50~1:200

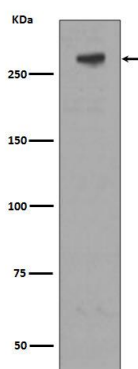
ICC/IF 1:50~1:200

IP 1:30

FC 1:100

Background

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. This receptor also binds IGF2. Acts as a positive regulator of T-cell coactivation, by binding DPP4.



Western blot analysis of extracts of M6PR/IGF2R expression in Jurkat cell lysate.

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