

产品名称: M6PR/IGF2R (11G10) Rabbit Monoclonal Antibody
产品货号: AMRe13539



产品概述 (Summary)

产品名称 (Production Name)	M6PR/IGF2R (11G10) Rabbit Monoclonal Antibody
描述 (Description)	Recombinant rabbit monoclonal antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,IHC,ICC/IF,FC
种属反应性 (Reactivity)	Human,Mouse,Rat

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
同种型 (Isotype)	IgG
克隆 (Clonality)	Monoclonal
形式 (Form)	Liquid
存放说明 (Storage)	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
储存溶液 (Buffer)	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% New type preservative N and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.
纯化方式 (Purification)	Affinity purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	IGF2R
别名 (Alternative Names)	IGF2R; CI Man-6-P receptor; CI-MPR; M6PR; MPR 300; Insulin-like growth factor 2 receptor; M6P/IGF2R; CD222;
基因 ID (Gene ID)	3482.0
蛋白 ID (SwissProt ID)	P11717.

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:5000-1:50000,IHC 1:200-1:500,ICC/IF 1:200-1:1000,FC 1:100-1:500
蛋白分子量 (Molecular Weight)	274kDa

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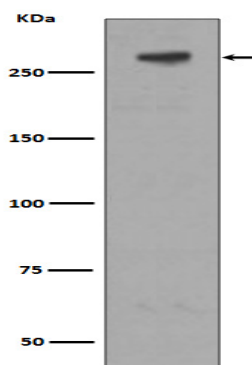
研究背景 (Background)

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. Mediates the transport of phosphorylated lysosomal enzymes from the Golgi complex and the cell surface to lysosomes (PubMed: [2963003](http://www.uniprot.org/citations/2963003), PubMed: [18817523](http://www.uniprot.org/citations/18817523)). 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 (PubMed: [2963003](http://www.uniprot.org/citations/2963003), PubMed: [18817523](http://www.uniprot.org/citations/18817523)). The receptor is then recycled back to the Golgi for another round of trafficking through its binding to the retromer (PubMed: [18817523](http://www.uniprot.org/citations/18817523)). This receptor also binds IGF2 (PubMed: [18046459](http://www.uniprot.org/citations/18046459)). Acts as a positive regulator of T-cell coactivation by binding DPP4 (PubMed: [10900005](http://www.uniprot.org/citations/10900005)).

研究领域 (Research Area)

Lysosome;

图片 (Image Data)



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

注意事项 (Note)

For research use only .

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