

## 胰岛素样生长因子 2 受体抗体

产品货号： mlR23240

英文名称： IGF2R/M6PR

中文名称： 胰岛素样生长因子 2 受体抗体

别名： 300 kDa mannose 6-phosphate receptor; Cation independent mannose 6 phosphate receptor; Cation-independent mannose-6-phosphate receptor; CD222; CD222 antigen; CI Man 6 P receptor; CI Man-6-P receptor; CI MPR; CI-MPR; CIMPR; IGF 2 receptor; IGF 2R; IGF II receptor; IGF-II receptor; IGF2 receptor; IGF2R; Insulin like growth factor 2 receptor; Insulin like growth factor II receptor; Insulin-like growth factor 2 receptor; Insulin-like growth factor II receptor; M6P R; M6P/IGF2 receptor; M6P/IGF2R; M6PR; MPR 300; MPR300; MPRI; MPRI\_HUMAN.

研究领域： 细胞生物 免疫学 信号转导

抗体来源： Rabbit

克隆类型： Polyclonal

交叉反应： Human, Mouse, Rat, Cow,



产品应用： ELISA=1:500-1000 Flow-Cyt=1ug/Test

not yet tested in other applications.

optimal dilutions/concentrations should be determined by the end user.

分子量： 300kDa

细胞定位： 细胞浆 细胞膜 细胞外基质

性状： Lyophilized or Liquid

浓度： 1mg/ml

免疫原： KLH conjugated synthetic peptide derived from human IGF2R/M6PR:701-800/2491

亚型： IgG

纯化方法： affinity purified by Protein A

储存液： 0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.

保存条件： Store at -20 ° C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20° C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 ° C.

**PubMed :** PubMed

**产品介绍 :** 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.

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

**Subunit:**

Binds HA-I and HA-II plasma membrane adapters (By similarity). Interacts with DPP4; the interaction is direct. Binds GGA1, GGA2 and GGA3.

**Subcellular Location:**

Lysosome membrane. Colocalized with DPP4 in internalized cytoplasmic vesicles adjacent to the cell surface.

**Similarity:**

Belongs to the MRL1/IGF2R family.

Contains 1 fibronectin type-II domain.

**SWISS:**

P11717

**Gene ID:**

3482

**Important Note:**

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

产品图片

