

IGF2R Rabbit mAb
Catalog # AP76930**Specification**

IGF2R Rabbit mAb - Product Information

Application	WB, IHC
Primary Accession	P11717
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Monoclonal Antibody
Calculated MW	274375

IGF2R Rabbit mAb - Additional Information**Gene ID** 3482**Other Names**

IGF2R

Dilution

WB~~1/500-1/1000

IHC~~1/50-1/100

Format

Liquid

IGF2R Rabbit mAb - Protein Information**Name** IGF2R**Synonyms** MPRI**Function**

Mediates the transport of phosphorylated lysosomal enzymes from the Golgi complex and the cell surface to lysosomes (PubMed: [18817523](http://www.uniprot.org/citations/18817523), PubMed: [2963003](http://www.uniprot.org/citations/2963003)). 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: [18817523](http://www.uniprot.org/citations/18817523), PubMed: [2963003](http://www.uniprot.org/citations/2963003)). 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)).

Cellular Location

Golgi apparatus membrane; Single-pass type I membrane protein. Endosome membrane; Single-pass type I membrane protein. Note=Mainly localized in the Golgi at steady state and not detectable in lysosome (PubMed:18817523) Colocalized with DPP4 in internalized cytoplasmic vesicles adjacent to the cell surface (PubMed:10900005).

IGF2R Rabbit mAb - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

IGF2R Rabbit mAb - Images

