

IGF2R (Phospho-Ser2409) Conjugated Antibody

Catalog No: #C11708



Package Size: #C11708-AF350 100ul #C11708-AF405 100ul #C11708-AF488 100ul
 #C11708-AF555 100ul #C11708-AF594 100ul #C11708-AF647 100ul
 #C11708-AF680 100ul #C11708-AF750 100ul #C11708-Biotin 100ul

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Description

Product Name	IGF2R (Phospho-Ser2409) Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu Ms
Specificity	The antibody detects endogenous levels of IGF2R only when phosphorylated at serine 2409.
Immunogen Description	Peptide sequence around phosphorylation site of Serine 2409(Q-D-S(p)-E-D) derived from Human IGF2R.
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	CI-MPR;CI-MPR;MPR300;MPRI
Accession No.	Swiss-Prot#:P11717NCBI Gene ID:3482NCBI mRNA#:NM_000876.2. NCBI Protein#:NP_000867.2.
Uniprot	P11717
GeneID	3482;
Excitation Emission	AF350: 346nm/442nm AF405: 401nm/421nm AF488: 493nm/519nm AF555: 555nm/565nm AF594: 591nm/614nm AF647: 651nm/667nm AF680: 679nm/702nm AF750: 749nm/775nm
Calculated MW	300
Formulation	0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide
Storage	Store at 4°C in dark for 6 months

Application Details

Suggested Dilution:

AF350 conjugated: most applications: 1: 50 - 1: 250

AF405 conjugated: most applications: 1: 50 - 1: 250

AF488 conjugated: most applications: 1: 50 - 1: 250

AF555 conjugated: most applications: 1: 50 - 1: 250

AF594 conjugated: most applications: 1: 50 - 1: 250

AF647 conjugated: most applications: 1: 50 - 1: 250

AF680 conjugated: most applications: 1: 50 - 1: 250

AF750 conjugated: most applications: 1: 50 - 1: 250

Biotin conjugated: working with enzyme-conjugated streptavidin, most applications: 1: 50 - 1: 1,000

Product Description

Antibodies were produced by immunizing rabbits with synthetic phosphopeptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific phosphopeptide. Non-phospho specific antibodies were removed by chromatography using non-phosphopeptide.

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.

Note: This product is for in vitro research use only