

IGF1R (Phospho-Tyr1346) Conjugated Antibody

Catalog No: #C11716



Package Size: #C11716-AF350 100ul #C11716-AF405 100ul #C11716-AF488 100ul
 #C11716-AF555 100ul #C11716-AF594 100ul #C11716-AF647 100ul
 #C11716-AF680 100ul #C11716-AF750 100ul #C11716-Biotin 100ul

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Description

Product Name	IGF1R (Phospho-Tyr1346) Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of IGF1R only when phosphorylated at tyrosine 1346.
Immunogen Description	Peptide sequence around phosphorylation site of tyrosine 1346(Q-P-Y(p)-A-H) derived from Human IGF1R .
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	CD221;kinase IGF1R; IGF1R
Accession No.	Swiss-Prot#:P08069NCBI Gene ID:3480NCBI mRNA#:NM_000875.3. NCBI Protein#:NP_000866.1.
Uniprot	P08069
GeneID	3480;
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	154
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

This receptor binds insulin-like growth factor with a high affinity. It has tyrosine kinase activity. The insulin-like growth factor I receptor plays a critical role in transformation events. Cleavage of the precursor generates alpha and beta subunits. It is highly overexpressed in most malignant tissues where it functions as an anti-apoptotic agent by enhancing cell survival.

Note: This product is for in vitro research use only