

Anti-Phospho-IGF1R/CD221 (Tyr1165, 1166) Polyclonal Antibody 2

Product Details

Ig Type:	IgG
Reactivity:	Human,Mouse,Rat,Monkey
Conjugation:	Unconjugated
Molecular Weight:	Actual: 156 kDa.
Purification:	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

Applications

Application:	ELISA,WB
Recommended	WB: 1:500-2000; ELISA: 1:20000

Properties

Stability & Storage:	Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen:	A synthesized phosphopeptide: human IGF1R around the phosphorylation site of Tyr1165/Tyr1166. AA range:1131-1180
Antigen Species:	Human
Uniprot ID:	P08069
Synonyms:	IGF1R/CD221 (p-Y1165, 1166);p-IGF1R/CD221 (Tyr1165, 1166);IGF1R/CD221 (p-Tyr1165, 1166); p-IGF1R/CD221 (Y1165, 1166)

Research Background

insulin like growth factor 1 receptor(IGF1R) Homo sapiens 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 apoptotic agent by enhancing cell survival. Alternatively spliced transcript variants encoding distinct isoforms have been found for this gene. [provided by RefSeq, May 2014],

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