

Product Name: Phospho-IGF1 Receptor (Tyr1166) Rabbit Monoclonal Antibody
Catalog #: AMRe84866

Summary

Production Name	Phospho-IGF1 Receptor (Tyr1166) Rabbit Monoclonal Antibody
Description	Rabbit Monoclonal antibody
Host	Rabbit
Application	WB,IP
Reactivity	Human,Mouse,Rat

Performance

Conjugation	Unconjugated
Modification	Phosphorylated
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Purified antibody in TBS with 0.05% sodium azide,0.05%protective protein and 50% glycerol.
Purification	Affinity Purification

Immunogen

Gene Name	Phospho-IGF1 Receptor (Tyr1166)
Alternative Names	IGF1R; Insulin-like growth factor 1 receptor; Insulin-like growth factor I receptor; IGF-I receptor; CD antigen CD221
Gene ID	3480.0
SwissProt ID	P08069. A synthetic phosphopeptide corresponding to residues surrounding Tyr1166 of human INSR/IGF-1R

Application

Dilution Ratio	WB:1:500-1:1000,IP:1:10-1:20
Molecular Weight	Calculated MW: 155 kDa; Observed MW: 95 kDa

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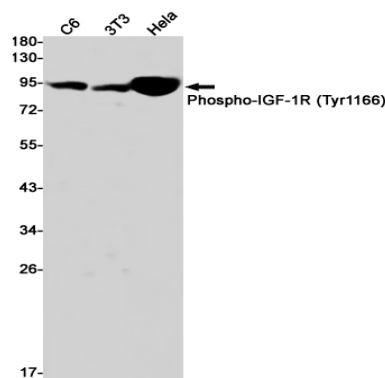
Background

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. Alternatively spliced transcript variants encoding distinct isoforms have been found for this gene. [provided by RefSeq, May 2014]

Research Area

PI3K-Akt signaling pathway, Jak-STAT signaling pathway, Hippo signaling pathway

Image Data



Western blot analysis of Phospho-IGF1R (Tyr1166) in C6, 3T3, HeLa lysates using Phospho-IGF1 Receptor (Tyr1166) antibody.

Note

For research use only.