Recombinant Phospho-IGF1R (Tyr1135/1136)/Phospho-Insulin Receptor β (Tyr1150/1151) Monoclonal Antibody

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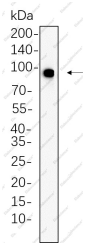
Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

Reactivity	Human;Mouse;Rat
Immunogen	A synthetic peptide corresponding to residues around (Tyr1135/1136)/(Tyr1150/1151) of Human Phospho-IGF1R/Phospho-Insulin Receptor β
Host	Rabbit
Isotype	Rabbit IgG
Clone	C170922
Purification	Protein A
Buffer	PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant.

Applications	Recommended Dilution
WB	1:2000-1:10000
IF	1:200-1:1000
ELISA	1:5000-1:20000

Data



Western Blot with Recombinant Phospho-IGF1R (Tyr1135/1136)/Phospho-Insulin Receptor β (Tyr1150/1151) Monoclonal Antibody at dilution of 1:1000 dilution. Lane A: NIH-3T3 whole cell lysate.

Observed-MW:95 kDa

Calculated-MW:156 kDa

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	Ice bag

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.

Toll-free: 1-888-852-8623
Tel: 1-832-243-6086
Fax: 1-832-243-6017
Web: www.elabscience.com
Email: techsupport@elabscience.com