Recombinant Phospho-IGF1R (Tyr1131)/Insulin Receptor β (Tyr1146) Monoclonal Antibody

catalog number: **AN300051L**

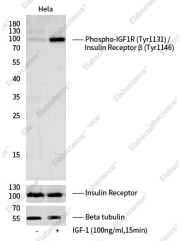
Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

Reactivity	Human;Mouse;Rat
Immunogen	A synthetic phosphopeptide corresponding to residues around Tyr1131 of the Human Phospho-IGF1R or Tyr1146 of the Human Insulin Receptor β
Host	Rabbit
Isotype	Rabbit IgG
Clone	C130041
Purification	Protein A
Buffer	0.2 μm filtered solution in PBS

Applications	Recommended Dilution
WB:	1:1000

Data



Western blot analysis of extracts from serum-starved Hela, untreated (-) or treated with IGF-1 100ng/mL 15min (+), using Phospho-IGF1R (Tyr1131) / Insulin Receptor β (Tyr1146) Monoclonal Antibody at 1:1000 dilution (upper) or Anti-Insulin Receptor Antibody, Rabbit PAb (middle) at 1:1000 dilution or Beta-Tubulin Loading Control Antibody, Mouse Mab at 1:10000 dilution.

Observed-MW:95 kDa

Calculated-MW:155 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. [provided by RefSeq, May 2014]

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