

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

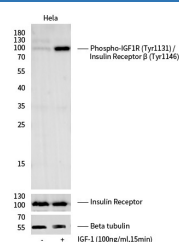
Reactivity	Human;Mouse;Rat
Immunogen	A synthetic phosphopeptide corresponding to residues around Tyr1131 of the Human Phospho-IGF1R or Tyr1146 of the Human Insulin Receptor β
Host	Rabbit
Isotype	IgG
Clone	A1161
Purification	Protein A
Buffer	0.2 μ m filtered solution in PBS

Applications

Recommended Dilution

WB:	1:1000
------------	--------

Data



Western blot analysis of extracts from serum-starved Helo, 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]

For Research Use Only

Toll-free: 1-888-852-8623
Web: www.elabscience.com

Tel: 1-832-243-6086
Email: techsupport@elabscience.com

Fax: 1-832-243-6017

Rev. V1.4