

IGF-1R(Phospho-Tyr1165/Tyr1166) Antibody

Catalog No: #11088



Package Size: #11088-1 50ul #11088-2 100ul #11088-4 25ul

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

Description

Product Name	IGF-1R(Phospho-Tyr1165/Tyr1166) Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antibodies were produced by immunizing rabbits with synthetic phosphopeptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific phosphopeptide. Non-phospho specific antibodies were removed by chromatography using non-phosphopeptide.
Applications	WB IF
Species Reactivity	Hu Ms Rt
Specificity	The antibody detects endogenous level of IGF-1R only when phosphorylated at tyrosine 1165/tyrosine1166.
Immunogen Type	Peptide-KLH
Immunogen Description	Peptide sequence around phosphorylation site of tyrosine 1165/tyrosine 1166 (T-D-Y(p)-Y(p)-R-K) derived from Human IGF-1R .
Target Name	IGF-1R
Modification	Phospho-Tyr1165/Tyr1166
Other Names	Insulin-like growth factor I receptor; CD221; IGF1R; kinase IGF1R;
Accession No.	Swiss-Prot: P08069NCBI Protein: NP_000866.1
Concentration	1.0mg/ml
Formulation	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C for long term preservation (recommended). Store at 4°C for short term use.

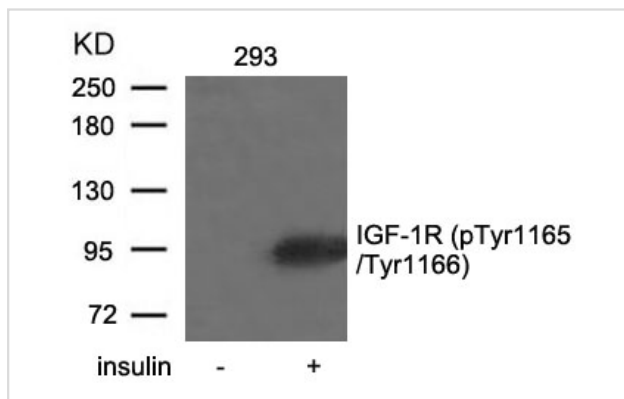
Application Details

Predicted MW: 200 95 kd

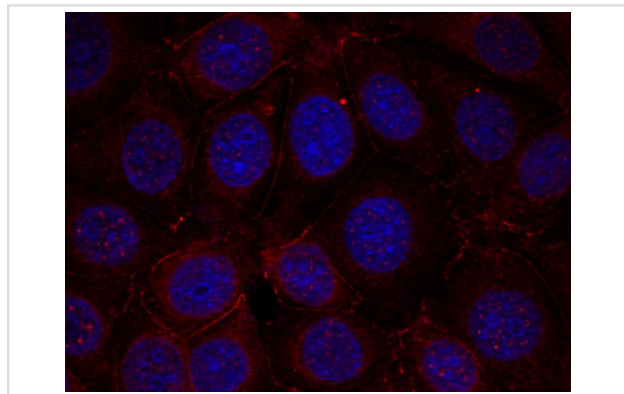
Western blotting: 1:500~1:1000

Immunofluorescence: 1:100~1:200

Images



Western blot analysis of extracts from 293 cells untreated or treated with insulin using IGF-1R(Phospho-Tyr1165/Tyr1166) Antibody #11088.



Immunofluorescence staining of methanol-fixed MCF cells using IGF-1R(Phospho-Tyr1165/Tyr1166) Antibody #11088.

Background

This receptor binds insulin-like growth factor 1 (IGF1) with a high affinity and IGF2 with a lower affinity. It has a tyrosine-protein kinase activity, which is necessary for the activation of the IGF1-stimulated downstream signaling cascade. When present in a hybrid receptor with INSR, binds IGF1.

Li S, et al. (1994) J Biol Chem; 269(51): 32558-64.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.