

#11088

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



Catalog: #11088-1 50µl **Orders:** order@signalwayantibody.com
#11088-2 100µl **Support:** tech@signalwayantibody.com
Storage: Store at -20°C/1 year **Web:** www.signalwayantibody.com

Application	Species Reactivity	Source	Molecular Wt.
WB IF	Human Mouse Rat	Rabbit Polyconal Ab	200 95KD

Description: 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.

Specificity: The antibody detects endogenous level of IGF-1R only when phosphorylated at tyrosine 1165/tyrosine1166.

Immunogen: Peptide sequence around phosphorylation site of tyrosine 1165/tyrosine 1166 (T-D-Y(p)-Y(p)-R-K) derived from Human IGF-1R .

Formulation: Supplied at 1.0mg/mL in phosphate buffered saline (without Mg²⁺ and Ca²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Synonyms: Insulin-like growth factor I receptor
CD221 IGF1R kinase IGF1R

Accession No.: Swiss-Prot#: P08069 NCBI Gene#: 3480
NCBI Protein#: NP_000866.1

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.

References:

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

Citation:

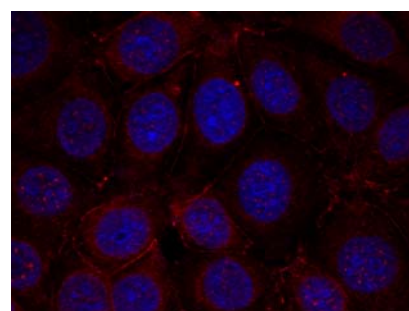
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Related Pathway: Receptors, Kinase/Phosphatases

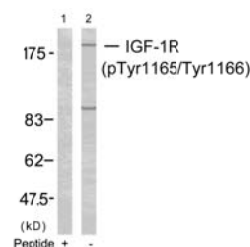
Note: For western blotting, incubate membrane with diluted antibody in 5% nonfat milk, 1X TBS, 0.1% Tween-20 at 4°C with gentle shaking, overnight.

Recommended Dilutions:

Western blotting 1:500~1:1000
Immunofluorescence 1:100~1:200



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



Western blot analysis of extracts from 293 cells using IGF-1R (Phospho-Tyr1165/Tyr1166) Antibody #11088 (Lane 2) and the same antibody preincubated with blocking peptide (Lane1).