

## 35-1086: Polyclonal Antibody to IGF-1R (Phospho-Tyr1165/Tyr1166)

<b>Clonality :</b>	Polyclonal
<b>Application :</b>	WB,IF
<b>Reactivity :</b>	Human,Mouse,Rat
<b>Gene :</b>	IGF1R
<b>Gene ID :</b>	3480
<b>Uniprot ID :</b>	P08069
<b>Format :</b>	Purified
<b>Alternative Name :</b>	Insulin-like growth factor I receptor, CD221, IGF1R, kinase IGF1R
<b>Isotype :</b>	Rabbit IgG
<b>Immunogen Information :</b>	Peptide sequence around phosphorylation site of tyrosine 1165/tyrosine 1166 (T-D-Y(p)-Y(p)-R-K) derived from Human IGF-1R .

### Description

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.

### Product Info

<b>Amount :</b>	50 $\mu$ l / 100 $\mu$ l
<b>Content :</b>	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg <sup>2+</sup> and Ca <sup>2+</sup> ), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
<b>Storage condition :</b>	Store the antibody at 4°C, stable for 6 months. For long-term storage, store at -20°C. Avoid repeated freeze and thaw cycles.

### Application Note

Predicted MW: 200 95 kd, Western blotting: 1:500~1:1000, Immunofluorescence: 1:100~1:200

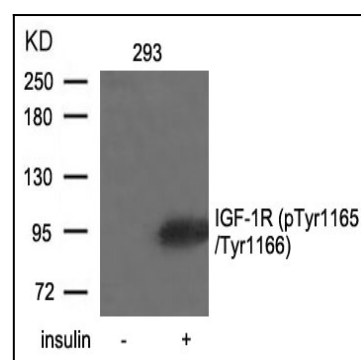


Figure 1: Western blot analysis of extracts from 293 cells untreated or treated with insulin using IGF-1R(Phospho-Tyr1165/Tyr1166) Antibody 35-1086 .

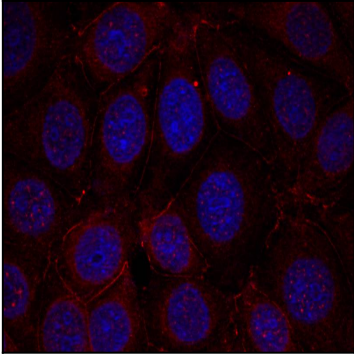


Figure 2: Immunofluorescence staining of methanol-fixed MCF cells using IGF-1R(Phospho-Tyr1165/Tyr1166) Antibody 35-1086 .