

Datasheet for ABIN7138914  
**anti-IGF1R antibody (pTyr1165, pTyr1166)**



[Go to Product page](#)

2 Images

## Overview

|                      |                                                       |
|----------------------|-------------------------------------------------------|
| Quantity:            | 100 µL                                                |
| Target:              | IGF1R                                                 |
| Binding Specificity: | pTyr1165, pTyr1166                                    |
| Reactivity:          | Human                                                 |
| Host:                | Rabbit                                                |
| Clonality:           | Polyclonal                                            |
| Conjugate:           | This IGF1R antibody is un-conjugated                  |
| Application:         | Western Blotting (WB), ELISA, Immunofluorescence (IF) |

## Product Details

|                   |                                                                                                                                                                                                                                                                  |
|-------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Immunogen:        | Peptide sequence around phosphorylation site of tyrosine 1165/tyrosine 1166 (T-D-Y(p)-Y(p)-R-K) derived from Human IGF-1R .                                                                                                                                      |
| Isotype:          | IgG                                                                                                                                                                                                                                                              |
| Cross-Reactivity: | Human, Mouse, Rat                                                                                                                                                                                                                                                |
| 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 |

## Target Details

|                   |                                          |
|-------------------|------------------------------------------|
| Target:           | IGF1R                                    |
| Alternative Name: | IGF1R ( <a href="#">IGF1R Products</a> ) |

## Target Details

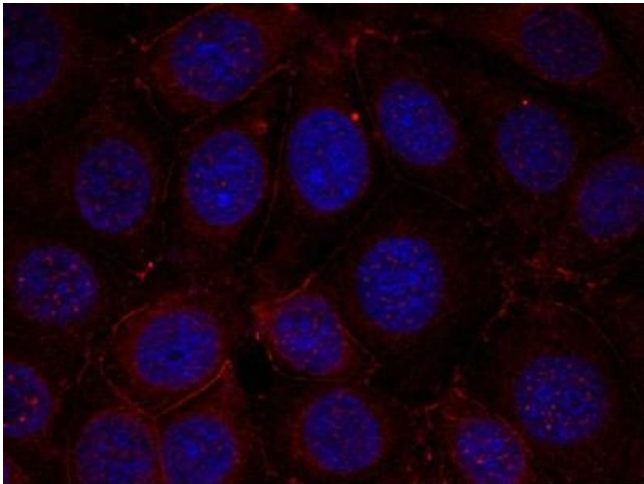
|             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|-------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Background: | <p>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.</p> <p>Li S, et al. (1994) J Biol Chem, 269(51): 32558-64.</p> <p>Aliases: CD221 antibody, CD221 antigen antibody, IGF 1 receptor antibody, IGF 1R antibody, IGF I receptor antibody, IGF-I receptor antibody, Igf1r antibody, IGF1R_HUMAN antibody, IGFIIR antibody, IGFIIRC antibody, IGFR antibody, Insulin like growth factor 1 receptor antibody, Insulin like growth factor 1 receptor precursor antibody, Insulin-like growth factor 1 receptor beta chain antibody, Insulin-like growth factor I receptor antibody, JTK13 antibody, MGC142170 antibody, MGC142172 antibody, MGC18216 antibody, Soluble IGF1R variant 1 antibody, Soluble IGF1R variant 2 antibody</p> |
| UniProt:    | <a href="#">P08069</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Pathways:   | <a href="#">RTK Signaling</a> , <a href="#">Regulation of Hormone Metabolic Process</a> , <a href="#">Regulation of Hormone Biosynthetic Process</a> , <a href="#">Autophagy</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |

## Application Details

|                    |                                  |
|--------------------|----------------------------------|
| Application Notes: | WB:1:500-1:1000, IF:1:100-1:200, |
| Restrictions:      | For Research Use only            |

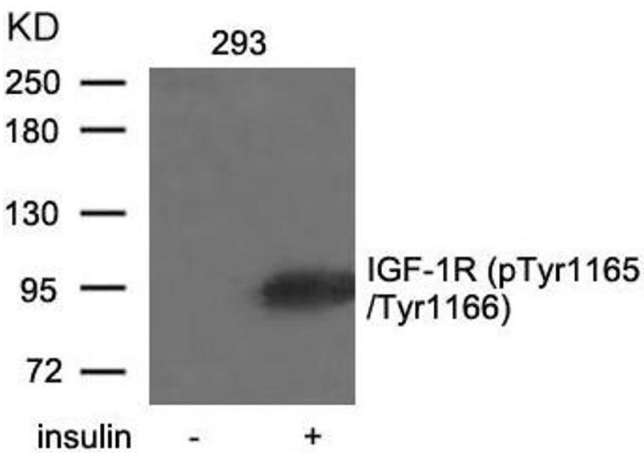
## Handling

|                    |                                                                                                                                         |
|--------------------|-----------------------------------------------------------------------------------------------------------------------------------------|
| Format:            | Liquid                                                                                                                                  |
| Buffer:            | Supplied at 1.0 mg/mL in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol. |
| Preservative:      | Sodium azide                                                                                                                            |
| Precaution of Use: | This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.                  |
| Storage:           | -20 °C,-80 °C                                                                                                                           |
| Storage Comment:   | Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.                                                                           |



Immunofluorescence

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



Western Blotting

**Image 2.** Western blot analysis of extracts from 293 cells untreated or treated with insulin using IGF-1R(Phospho-Tyr1165/Tyr1166) Antibody.