# Insulin Receptor R Conjugated Antibody

Catalog No: #C49616

Package Size: #C49616-AF350 100ul #C49616-AF405 100ul #C49616-AF488 100ul #C49616-AF555 100ul #C49616-AF594 100ul #C49616-AF647 100ul #C49616-AF680 100ul #C49616-AF750 100ul #C49616-Biotin 100ul

Orders: order@signalwayantibody.com
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## Description

| | |
|---|---|
| Product Name | Insulin Receptor R Conjugated Antibody |
| Host Species | Rabbit |
| Clonality | Monoclonal |
| Species Reactivity | Hu, Ms, Rt |
| Immunogen Description | Recombinant protein |
| Conjugates | Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750 |
| Other Names | INSRR antibody INSRR_HUMAN antibody Insulin receptor related receptor precursor antibody Insulin receptor-related protein alpha chain antibody Insulin receptor-related protein beta chain antibody insulin receptor-related receptor antibody IR R antibody IR related receptor antibody IR-related receptor antibody IRR antibody Sir r antibody Sirr antibody |
| Accession No. | Swiss-Prot#:P14616 |
| Uniprot | P14616 |
| GeneID | 3645; |
| Excitation Emission | AF350: 346nm/442nm<br>AF405: 401nm/421nm<br>AF488: 493nm/519nm<br>AF555: 555nm/565nm<br>AF594: 591nm/614nm<br>AF647: 651nm/667nm<br>AF680: 679nm/702nm<br>AF750: 749nm/775nm |
| Calculated MW | 80 kDa |
| Formulation | 0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide |
| Storage | Store at 4°C in dark for 6 months |

## Application Details

Suggested Dilution:

AF350 conjugated: most applications: 1: 50 - 1: 250

AF405 conjugated: most applications: 1: 50 - 1: 250

AF488 conjugated: most applications: 1: 50 - 1: 250

AF555 conjugated: most applications: 1: 50 - 1: 250

AF594 conjugated: most applications: 1: 50 - 1: 250

AF647 conjugated: most applications: 1: 50 - 1: 250

AF680 conjugated: most applications: 1: 50 - 1: 250

AF750 conjugated: most applications: 1: 50 - 1: 250

Biotin conjugated: working with enzyme-conjugated streptavidin, most applications: 1: 50 - 1: 1,000

## Background

The insulin receptor (IR) is a heterodimeric protein complex that has an intracellular beta subunit and an extracellular alpha subunit, which is disulfide-linked to a transmembrane segment.Receptor with tyrosine-protein kinase activity. Functions as a pH sensing receptor which is activated by increased extracellular pH. Activates an intracellular signaling pathway that involves IRS1 and AKT1/PKB.

Note: This product is for in vitro research use only