# IGF2R Conjugated Antibody

Catalog No: #C37644

Package Size: #C37644-AF350 100ul #C37644-AF405 100ul #C37644-AF488 100ul #C37644-AF555 100ul #C37644-AF594 100ul #C37644-AF647 100ul #C37644-AF680 100ul #C37644-AF750 100ul #C37644-Biotin 100ul

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

## Description

| | |
|---|---|
| Product Name | IGF2R Conjugated Antibody |
| Host Species | Rabbit |
| Clonality | Polyclonal |
| Species Reactivity | Hu Ms |
| Specificity | The antibody detects endogenous levels of total IGF2R protein. |
| Immunogen Description | Synthetic peptide corresponding to residues near the C terminal of human insulin-like growth factor 2 receptor |
| Conjugates | Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750 |
| Other Names | MPR1; MPRI; CD222; CIMPR; M6P-R |
| Accession No. | Swiss-Prot#:P11717NCBI Gene ID:3482NCBI mRNA#:NCBI Protein#:NP_005525 |
| Uniprot | P11717 |
| GeneID | 3482; |
| 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 | 274 |
| Formulation | 0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide |
| Storage | Store at 4°Cin 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

This gene encodes a receptor for both insulin-like growth factor 2 and mannose 6-phosphate, although the binding sites for either are located on different segments of the receptor. This receptor functions in the intracellular trafficking of lysosomal enzymes, the activation of transforming growth factor beta, and the degradation of insulin-like growth factor 2. While the related mouse gene shows exclusive expression from the maternal allele, imprinting of the human gene appears to be polymorphic, with only a minority of individuals showing expression from the maternal allele.

Note: This product is for in vitro research use only