

IRS-1 (Ab-312) Conjugated Antibody

Catalog No: #C33191



Package Size: #C33191-AF350 100ul #C33191-AF405 100ul #C33191-AF488 100ul
 #C33191-AF555 100ul #C33191-AF594 100ul #C33191-AF647 100ul
 #C33191-AF680 100ul #C33191-AF750 100ul #C33191-Biotin 100ul

Orders: order@signalwayantibody.com
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Description

Product Name	IRS-1 (Ab-312) Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu Ms
Specificity	The antibody detects endogenous levels of total IRS-1 protein.
Immunogen Description	Synthesized non-phosphopeptide derived from human IRS-1 around the phosphorylation site of serine 312 (A-T-S(p)-P-A).
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	Insulin receptor substrate-1;IRS-1;IRS1
Accession No.	Swiss-Prot#:P35568NCBI Gene ID:3667
Uniprot	P35568
GeneID	3667;
Excitation Emission	AF350: 346nm/442nm AF405: 401nm/421nm AF488: 493nm/519nm AF555: 555nm/565nm AF594: 591nm/614nm AF647: 651nm/667nm AF680: 679nm/702nm AF750: 749nm/775nm
Calculated MW	180
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

Product Description

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

Background

May mediate the control of various cellular processes by insulin. When phosphorylated by the insulin receptor binds specifically to various cellular proteins containing SH2 domains such as phosphatidylinositol 3-kinase p85 subunit or GRB2. Activates phosphatidylinositol 3-kinase when bound to the regulatory p85 subunit By similarity.

Note: This product is for in vitro research use only