

Immunotag™ Phospho-IRS-1 (Ser312) Antibody

Antibody Specification	
Catalog No.	ITA1044
Product Description	Immunotag™ Phospho-IRS-1 (Ser312) Antibody
Size	100 µg, 200 µg
Conjugation	HRP, Biotin, FITC, Alexa Fluor® 350, Alexa Fluor® 405, Alexa Fluor® 488, Alexa Fluor® 555, Alexa Fluor® 594, Alexa Fluor® 647
IMPORTANT NOTE	This product is custom manufactured with a lead time of 3-4 weeks. Once in production, this item cannot be cancelled from an order and is not eligible for return.
Target Protein	Phospho-IRS-1 (Ser312)
Clonality	Polyclonal
Storage/Stability	-20°C/1 year
Application	WB,IHC,IF/ICC,ELISA
Recommended Dilution	WB 1:500-1:2000 IF/ICC 1:100-1:500 IHC 1:50-1:200
Concentration	1 mg/ml
Reactive Species	Human,Mouse,Rat
Host Species	Rabbit
Immunogen	A synthesized peptide derived from human IRS-1 around the phosphorylation site of Serine 312
Specificity	Phospho-IRS-1 (Ser312) Antibody detects endogenous levels of IRS-1 only when phosphorylated at Serine 312
Purification	The antibody is from purified rabbit serum by affinity purification via sequential chromatography on phospho- and non-phospho-peptide affinity columns.
Form	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.Store at -20 °C.Stable for 12 months from date of receipt
Gene Name	IRS1
Accession No.	P35568
Alternate Names	HIRS 1; HIRS1; Insulin receptor substrate 1; IRS 1; IRS-1; IRS1; IRS1_HUMAN; OTTHUMP00000164234;

Antibody Specification

Description	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).
Cell Pathway/ Category	Primary Polyclonal Antibody
Protein MW	180kDa
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.