

# IRS-1(Phospho-Ser307) Polyclonal Antibody Cy3 Conjugated

Catalog No: #C04290Cy3

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## Description

Product Name	IRS-1(Phospho-Ser307) Polyclonal Antibody Cy3 Conjugated
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Purified by Protein A.
Applications	IF
Species Reactivity	HuB MsB RtB B
Immunogen Description	KLH conjugated synthetic phosphopeptide aa 280-320 1242 derived from human IRS1 around the phosphorylation site of Ser307 [TE(p-S)IT]
Conjugates	Cy3
Target Name	IRS-1 Ser307
Other Names	HIRS-1; Insulin receptor substrate 1; IRS-1; IRS1
Accession No.	Swiss-Prot#:P35568NCBI Gene ID:3667
Uniprot	P35568
GeneID	3667;
Excitation Emission	512,550nm 570,615nm
Cell Localization	Cytoplasm, Nucleus
Concentration	1mg ml
Formulation	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

## Application Details

IF=1:50-200B

## 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