

Product Datasheet

Phospho-IRS-1 (Ser312) Antibody

Catalog No: CY6307

Reactivity: Human, Mouse, Rat

Isotype: Rabbit IgG

Applications: WB, ICC/IF



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Information

UniProt ID: P35568

All Names: IRS-1, IRS1, Insulin receptor substrate-1

Form: Liquid

Storage instructions: Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

Storage buffer: pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Purity: Affinity-chromatography

Immunogen: A synthesized peptide

Molecular Wt.: 180kDa

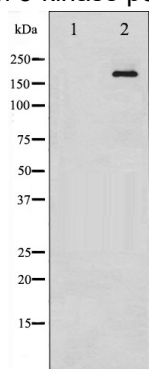
Application

WB 1:500-1:2000

IF/ICC 1:100-1:500

Background

IRS-1 is an adaptor protein that is one of the major substrates of the insulin receptor kinase. Contains multiple tyrosine phosphorylation motifs that serve as docking sites for SH2-domain-containing proteins including phosphatidylinositol 3-kinase p85 su



Western blot analysis of IRS-1 phosphorylation expression in HT29 whole cell lysates. The lane on the left is treated with the antigen-specific peptide.

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