

IRS-1(Ab-636) Antibody

Catalog No: #21223



Package Size: #21223-1 50ul #21223-2 100ul #21223-4 25ul

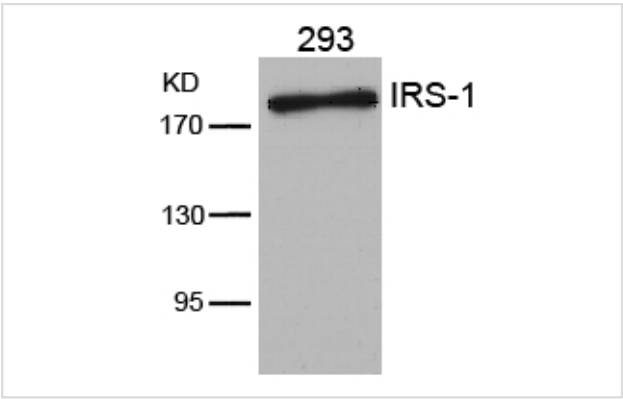
Overview

Product Name	IRS-1(Ab-636) Antibody
Host Species	Rabbit
Clonality	Polyclonal
Applications	WB IHC IF
Species Reactivity	Hu Ms Rt
Immunogen Type	Peptide-KLH
Target Name	IRS-1
Alternative Names	IRS-1; IRS1;

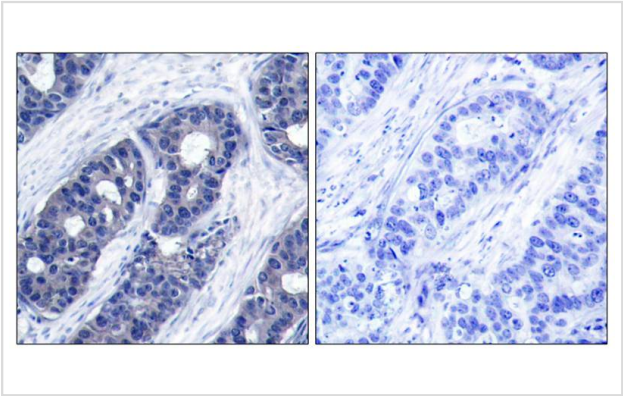
Application Details

Predicted MW: 180kd
Western blotting: 1:500~1:1000
Immunohistochemistry: 1:50~1:100
Immunofluorescence: 1:100~1:200

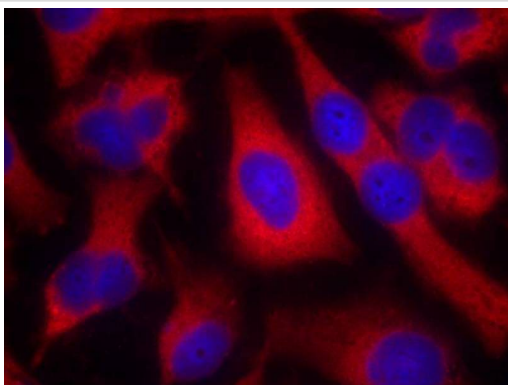
Images



Western blot analysis of extracts from 293 cells using IRS-1(Ab-636) Antibody #21223.



Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using IRS-1(Ab-636) Antibody #21223(left) or the same antibody preincubated with blocking peptide(right).



Immunofluorescence staining of methanol-fixed HeLa cells using IRS-1(Ab-636) Antibody #21223.

Descriptions

Immunogen	Peptide sequence around aa.634~638 (P-M-S-P-K) derived from Human IRS-1.
Specificity	The antibody detects endogenous level of total IRS-1 protein.
Purification	Antibodies were produced by immunizing rabbits with synthetic peptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific peptide.
Formulation	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C for long term preservation (recommended). Store at 4°C for short term use.
Accession NO.	Swiss-Prot: P35568NCBI Protein: NP_005535.1

Related Information

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

Ozes ON, et al. (2001) Proc Natl Acad Sci U S A; 98(8): 4640-4645

Tzatsos A, et al. (2006) Mol Cell Biol; 26(1): 63-76

Kadowaki T, et al. (2000) J Clin Invest; 106(4): 459-465

Ozes ON, et al. (2001) Proc Natl Acad Sci U S A; 98(8): 4640-4645

Szanto I, et al. (2000) Proc Natl Acad Sci U S A; 97(5): 2355-2360

Note: This product is for in vitro research use only and is not intended for use in humans or animals.