

ARG45230 anti-IRS2 antibody

Package: 50 µg
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes IRS2
Tested Reactivity	Hu
Tested Application	FACS, ICC/IF, IHC-P, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Target Name	IRS2
Species	Human
Immunogen	Recombinant protein containing to human IRS2.
Conjugation	Un-conjugated
Alternate Names	IRS2; Insulin Receptor Substrate 2;

Application Instructions

Application table	Application	Dilution
	FACS	1 - 3 µg/10 ⁶ cells
	ICC/IF	5 µg/ml
	IHC-P	2-5 µg/ml
	WB	0.25-0.5 µg/ml
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Observed Size	180 kDa	

Properties

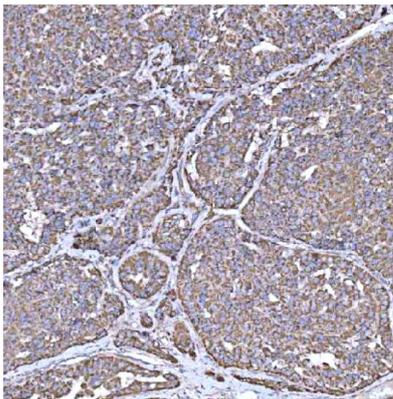
Form	Liquid
Purification	Affinity purification with immunogen.
Buffer	0.2% Na ₂ HPO ₄ , 0.9% NaCl and 4% Trehalose.
Stabilizer	4% Trehalose
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

Note For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

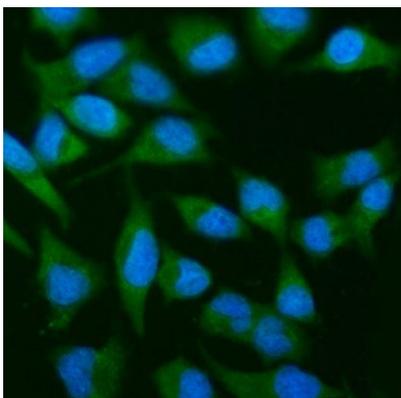
Gene Symbol	IRS2
Gene Full Name	Insulin Receptor Substrate 2
Background	This gene encodes the insulin receptor substrate 2, a cytoplasmic signaling molecule that mediates effects of insulin, insulin-like growth factor 1, and other cytokines by acting as a molecular adaptor between diverse receptor tyrosine kinases and downstream effectors. The product of this gene is phosphorylated by the insulin receptor tyrosine kinase upon receptor stimulation, as well as by an interleukin 4 receptor-associated kinase in response to IL4 treatment. [provided by RefSeq, Jul 2008]
Function	Signaling adapter protein that participates in the signal transduction from two prominent receptor tyrosine kinases, insulin receptor/INSR and insulin-like growth factor I receptor/IGF1R. [UniProt]
Calculated Mw	137 kDa
PTM	Isopeptide bond; Methylation; Phosphoprotein; Ubl conjugation. [UniProt]
Cellular Localization	Cytoplasm. [UniProt]

Images



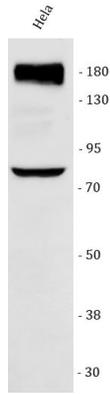
ARG45230 anti-IRS2 antibody IHC-P image

Immunohistochemistry: Human liver cancer stained with ARG45230 anti-IRS2 antibody at 2 μ g/ml dilution.



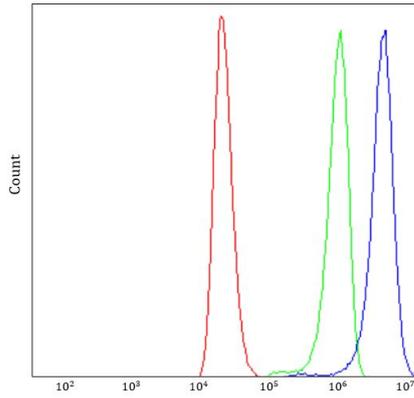
ARG45230 anti-IRS2 antibody ICC/IF image

Immunofluorescence: HeLa stained with ARG45230 anti-IRS2 antibody at 5 μ g/ml dilution.



ARG45230 anti-IRS2 antibody WB image

Western blot: HeLa stained with ARG45230 anti-IRS2 antibody at 0.5 $\mu\text{g}/\text{ml}$ dilution.



ARG45230 anti-IRS2 antibody FACS image

Flow Cytometry: 293T stained with ARG45230 anti-IRS2 antibody at 1 $\mu\text{g}/10^6$ cells dilution.