



Mouse anti-Human IRS4 monoclonal antibody, clone 6C0 (CABT-B10469)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Immunogen	IRS4 (NP_003595, 850 a.a. ~ 951 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	Human
Clone	6C0
Conjugate	Unconjugated
Applications	WB,sELISA,ELISA
Sequence Similarities	DPKDAASKPSGEGSFSKPGDGGSPSKPSDHEPPKNKAKRPNRLSFTKGYKIKPKPQKPT HEQREADSSSDYVNMDFTKRESNTPAPSTQGLPDSWGIIAE*
Format	Liquid
Size	100 µg
Buffer	In 1x PBS, pH 7.2
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

BACKGROUND

Introduction	IRS4 encodes the insulin receptor substrate 4, a cytoplasmic protein that contains many potential tyrosine and serine/threonine phosphorylation sites. Tyrosine-phosphorylated IRS4
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protein has been shown to associate with cytoplasmic signalling molecules that contain SH2 domains. The IRS4 protein is phosphorylated by the insulin receptor tyrosine kinase upon receptor stimulation.. [provided by RefSeq, Jul 2008]

Keywords IRS4; insulin receptor substrate 4; IRS-4; PY160; pp160; phosphoprotein of 160 kDa; 160 kDa phosphotyrosine protein;

GENE INFORMATION

Entrez Gene ID [8471](#)

UniProt ID [O14654](#)

Pathway Adipocytokine signaling pathway, organism-specific biosystem; Adipocytokine signaling pathway, conserved biosystem; Adipogenesis, organism-specific biosystem; Aldosterone-regulated sodium reabsorption, organism-specific biosystem; Aldosterone-regulated sodium reabsorption, conserved biosystem; Insulin Signaling, organism-specific biosystem

Function SH3/SW2 adaptor activity; insulin receptor binding; signal transducer activity