



# 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

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

## BACKGROUND

<b>Introduction</b>	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]

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<b>Keywords</b>	IRS4; insulin receptor substrate 4; IRS-4; PY160; pp160; phosphoprotein of 160 kDa; 160 kDa phosphotyrosine protein;
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## GENE INFORMATION

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<b>Entrez Gene ID</b>	<a href="#">8471</a>
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<b>UniProt ID</b>	<a href="#">O14654</a>
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<b>Pathway</b>	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
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<b>Function</b>	SH3/SH2 adaptor activity; insulin receptor binding; signal transducer activity
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