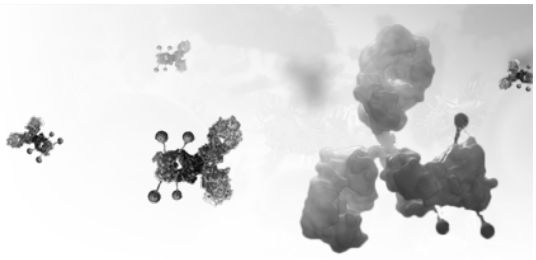

Mouse anti-Human GRB10 monoclonal antibody, clone 2B8 (CABT-B10360)

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

PRODUCT INFORMATION

Immunogen	GRB10 (AAH24285, 61 a.a. ~ 151 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Isotype	IgG2a
Source/Host	Mouse
Species Reactivity	Human
Clone	2B8
Conjugate	Unconjugated
Applications	WB,sELISA,ELISA
Sequence Similarities	AVRRLQEEDQQFRTSSLPAIPNPFPELCGPGSPPVLTPGSLPPSQAAAKQDVKVFSEDGT SKVVEILADMTARDLCQLLVYKSHCVDDNS*
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	The product of this gene belongs to a small family of adapter proteins that are known to interact with a number of receptor tyrosine kinases and signaling molecules. This gene encodes a

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	growth factor receptor-binding protein that interacts with insulin receptors and insulin-like growth-factor receptors. Overexpression of some isoforms of the encoded protein inhibits tyrosine kinase activity and results in growth suppression. This gene is imprinted in a highly isoform- and tissue-specific manner, with expression observed from the paternal allele in the brain, and from the maternal allele in the placental trophoblasts. Alternatively spliced transcript variants encoding different isoforms have been identified. [provided by RefSeq, Oct 2010]
Keywords	GRB10; growth factor receptor-bound protein 10; RSS; IRBP; MEG1; GRB-IR; Grb-10; GRB10 adapter protein; GRB10 adaptor protein; maternally expressed gene 1; insulin receptor-binding protein Grb-IR;

GENE INFORMATION

Entrez Gene ID	2887
UniProt ID	Q13322
Pathway	EGFR1 Signaling Pathway, organism-specific biosystem; IGF1 pathway, organism-specific biosystem; Insulin Pathway, organism-specific biosystem; Insulin Signaling, organism-specific biosystem; Insulin receptor signalling cascade, organism-specific biosystem; Kit Receptor Signaling Pathway, organism-specific biosystem
Function	SH3/SH2 adaptor activity; insulin receptor binding; insulin receptor binding; protein binding

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