



Mouse anti-Human EIF4EBP2 monoclonal antibody, clone 3H9 (CABT-B10177)

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

PRODUCT INFORMATION

Immunogen	EIF4EBP2 (NP_004087, 61 a.a. ~ 121 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	3H9
Conjugate	Unconjugated
Applications	WB, ELISA
Sequence Similarities	DRRNSPMAQTPPCHLPNIPGVTSPGTLIEDSKVEVNNLNNLNNHDKHAVGDDAQFEMDI *
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	This gene encodes a member of the eukaryotic translation initiation factor 4E binding protein family. The gene products of this family bind eIF4E and inhibit translation initiation. However,
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insulin and other growth factors can release this inhibition via a phosphorylation-dependent disruption of their binding to eIF4E. Regulation of protein production through these gene products have been implicated in cell proliferation, cell differentiation and viral infection.
[provided by RefSeq, Oct 2008]

Keywords	EIF4EBP2; eukaryotic translation initiation factor 4E binding protein 2; 4EBP2; PHASII; eukaryotic translation initiation factor 4E-binding protein 2; 4E-BP2; eIF4E-binding protein 2; phosphorylated, heat and acid stable regulated by insulin protein II;
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GENE INFORMATION

Entrez Gene ID	1979
UniProt ID	Q13542
Pathway	Translation Factors, organism-specific biosystem
Function	eukaryotic initiation factor 4E binding; protein binding
