



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

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| 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 | DRRNNSPMAQTTPCCLPNIPGVTSPGTIEDSKVEVNNLNNLNNHDRKHAVGDDAQFEMDI * |
| 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

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| 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]

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| 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

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