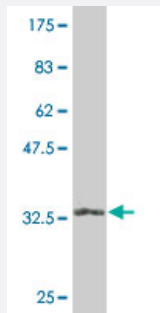


EIF4EBP2 monoclonal antibody (M04), clone 2G8

Catalog # H00001979-M04

Size 100 ug

Applications



Western Blot detection against Immunogen (32.34 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant EIF4EBP2.
Immunogen	EIF4EBP2 (NP_004087, 61 a.a. ~ 120 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	DRRNSPMAQTTPPCHLPNIPGVTSPGTLIEDSKVEVNNLNNLNNHDKHAVGDDAQFEMDI
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (97); Rat (95)
Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (32.34 KDa) .
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

Gene Info — EIF4EBP2

Entrez GeneID [1979](#)

GeneBank Accession# [NM_004096](#)

Protein Accession# [NP_004087](#)

Gene Name EIF4EBP2

Gene Alias 4EBP2, PHASII

Gene Description eukaryotic translation initiation factor 4E binding protein 2

Omim ID [602224](#)

Gene Ontology [Hyperlink](#)

Gene Summary 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, 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]

Other Designations OTTHUMP00000019756|phosphorylated, heat and acid stable regulated by insulin protein II

Disease

- [Alzheimer Disease](#)
- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)

- [Genetic Predisposition to Disease](#)
- [Ovarian Neoplasms](#)