

## EIF4EBP3 mouse mAb

<b>Catalog No :</b>	YM1455
<b>Reactivity :</b>	Transfected
<b>Applications :</b>	WB
<b>Target :</b>	EIF4EBP3
<b>Gene Name :</b>	eif4ebp3
<b>Human Gene Id :</b>	8637
<b>Human Swiss Prot No :</b>	O60516
<b>Mouse Swiss Prot No :</b>	Q80VV3
<b>Immunogen :</b>	Recombinant protein of human EIF4EBP3.
<b>Specificity :</b>	Transfected Only.
<b>Formulation :</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Source :</b>	Monoclonal, Mouse
<b>Dilution :</b>	wb dilution 1:1000
<b>Purification :</b>	The antibody was affinity-purified from mouse ascites by affinity-chromatography using epitope-specific immunogen.
<b>Concentration :</b>	1 mg/ml
<b>Storage Stability :</b>	-15°C to -25°C/1 year(Do not lower than -25°C)
<b>Observed Band :</b>	11kD
<b>Background :</b>	eukaryotic translation initiation factor 4E binding protein 3(EIF4EBP3) Homo sapiens This gene encodes a member of the EIF4EBP family, which consists of proteins that bind to eukaryotic translation initiation factor 4E and regulate its

assembly into EIF4F, the multi-subunit translation initiation factor that recognizes the mRNA cap structure. Read-through transcription from the neighboring upstream gene (MASK or ANKHD1) generates a transcript (MASK-BP3) that encodes a protein comprised of the MASK protein sequence for the majority of the protein and a different C-terminus due to an alternate reading frame for the EIF4EBP3 segments. [provided by RefSeq, Oct 2010],

### Function :

function:May play a role as a scaffolding protein that may be associated with the abnormal phenotype of leukemia cells. Isoform 2 may possess an antiapoptotic effect and protect cells during normal cell survival through its regulation of caspases.,function:Regulates eIF4E activity by preventing its assembly into the eIF4F complex.,PTM:Phosphorylated.,similarity:Belongs to the eIF4E-binding protein family.,similarity:Belongs to the mask family.,similarity:Contains 1 KH domain.,similarity:Contains 25 ANK repeats.,subunit:EIF4EBP3 interacts with EIF4E.,subunit:Interacts with PTPN11. Isoform 2 interacts with VPR.,tissue specificity:Expression is highest in skeletal muscle, heart, kidney, and pancreas, whereas there is very little expression in brain and thymus.,tissue specificity:Ubiquitous with high expression in cervix, spleen and brain. Expressed in hematopoietic cells with increased expr

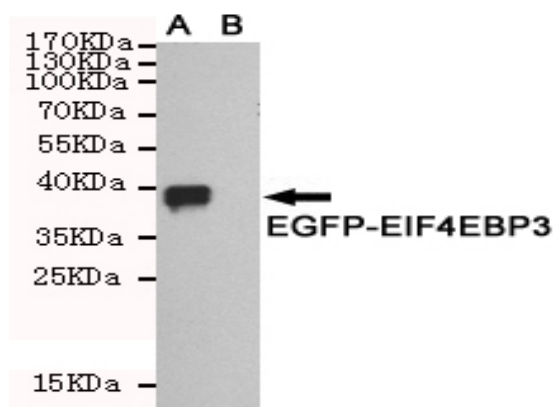
### Subcellular Location :

cytoplasm,membrane,eukaryotic translation initiation factor 4F complex,

### Expression :

Expression is highest in skeletal muscle, heart, kidney, and pancreas, whereas there is very little expression in brain and thymus.

## Products Images



Western blot detection of EIF4EBP3 in CHO-K1 cell lysate(B)and CHO-K1 transfected by EGFP-EIF4EBP3 fragment(A)cell lysate using EIF4EBP3 mouse mAb (1:1000 diluted).