

4E-BP2 Mouse mAb

CatalogNo: YM1454

| Key Features

Host Species

- Mouse

Reactivity

- Transfected

Applications

- WB

MW

- 15-20kD (Observed)

| Recommended Dilution Ratios

WB 1:1000

| Storage

Storage* -15°C to -25°C/1 year(Do not lower than -25°C)

Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

| Basic Information

Clonality Monoclonal

| Immunogen Information

Immunogen Recombinant protein of human 4E-BP2.

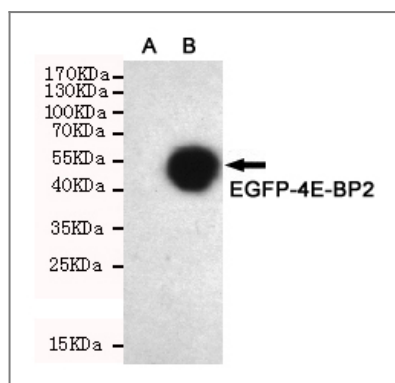
Specificity Transfected Only.

| Target Information

Gene name eif4ebp2

Protein Name	Organism	Gene ID	UniProt ID
	Human	1979;	Q13542;
	Mouse		P70445;
Cellular Localization	intracellular,cytoplasm,		
Tissue specificity	Lung,Placenta,Uterus,		
Function	Function:Regulates eIF4E activity by preventing its assembly into the eIF4F complex. Mediates the regulation of protein translation by hormones, growth factors and other stimuli that signal through the MAP kinase pathway.,PTM:Phosphorylated on serine and threonine residues in response to insulin, EGF and PDGF.,similarity:Belongs to the eIF4E-binding protein family.,subunit:Nonphosphorylated EIF4EBP2 interacts with EIF4E.,		

Validation Data



Western blot detection of 4E-BP2 in CHO-K1 cell lysate(A)and CHO-K1 transfected by EGFP-4E-BP2 (B)cell lysate using 4E-BP2 mouse mAb (1:1000 diluted).

Contact information

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4E-BP2 Mouse mAb