



# eIF4B Monoclonal Antibody

|                    |  |
|--------------------|--|
| Catalog No         | BYmab-03847  |
| Isotype            | IgG  |
| Reactivity         | Human;Mouse  |
| Applications       | WB   |
| Gene Name          | EIF4B  |
| Protein Name       | Eukaryotic translation initiation factor 4B  |
| Immunogen          | The antiserum was produced against synthesized peptide derived from human eIF4B. AA range:388-437  |
| Specificity        | eIF4B Monoclonal Antibody detects endogenous levels of eIF4B protein.  |
| Formulation        | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.  |
| Source             | Monoclonal, Mouse,IgG  |
| Purification       | The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.   |
| Dilution           | WB 1:500-2000  |
| Concentration      | 1 mg/ml  |
| Purity             | ≥90%   |
| Storage Stability  | -20°C/1 year   |
| Synonyms           | EIF4B; Eukaryotic translation initiation factor 4B; eIF-4B   |
| Observed Band      | 70kD   |
| Cell Pathway       | cytosol,polysome,eukaryotic translation initiation factor 4F complex,dendrite,neuronal cell body,  |
| Tissue Specificity | Adipose tissue,Brain,Cervix carcinoma,Epithelium,Liver,Lung  |
| Function           | function:Required for the binding of mRNA to ribosomes. Functions in close association with EIF4-F and EIF4-A. Binds near the 5'-terminal cap of mRNA in presence of EIF-4F and ATP. Promotes the ATPase activity and the ATP-dependent RNA unwinding activity of both EIF4-A and EIF4-F.,similarity:Contains 1 RRM (RNA recognition motif) domain.,subunit:Self-associates and interacts with EIF3 p170 subunit., |
| Background         | function:Required for the binding of mRNA to ribosomes. Functions in close association with EIF4-F and EIF4-A. Binds near the 5'-terminal cap of mRNA in presence of EIF-4F and ATP. Promotes the ATPase activity and the ATP-dependent RNA unwinding activity of both EIF4-A and  |

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EIF4-F.,similarity:Contains 1 RRM (RNA recognition motif)  
domain.,subunit:Self-associates and interacts with EIF3 p170 subunit.,

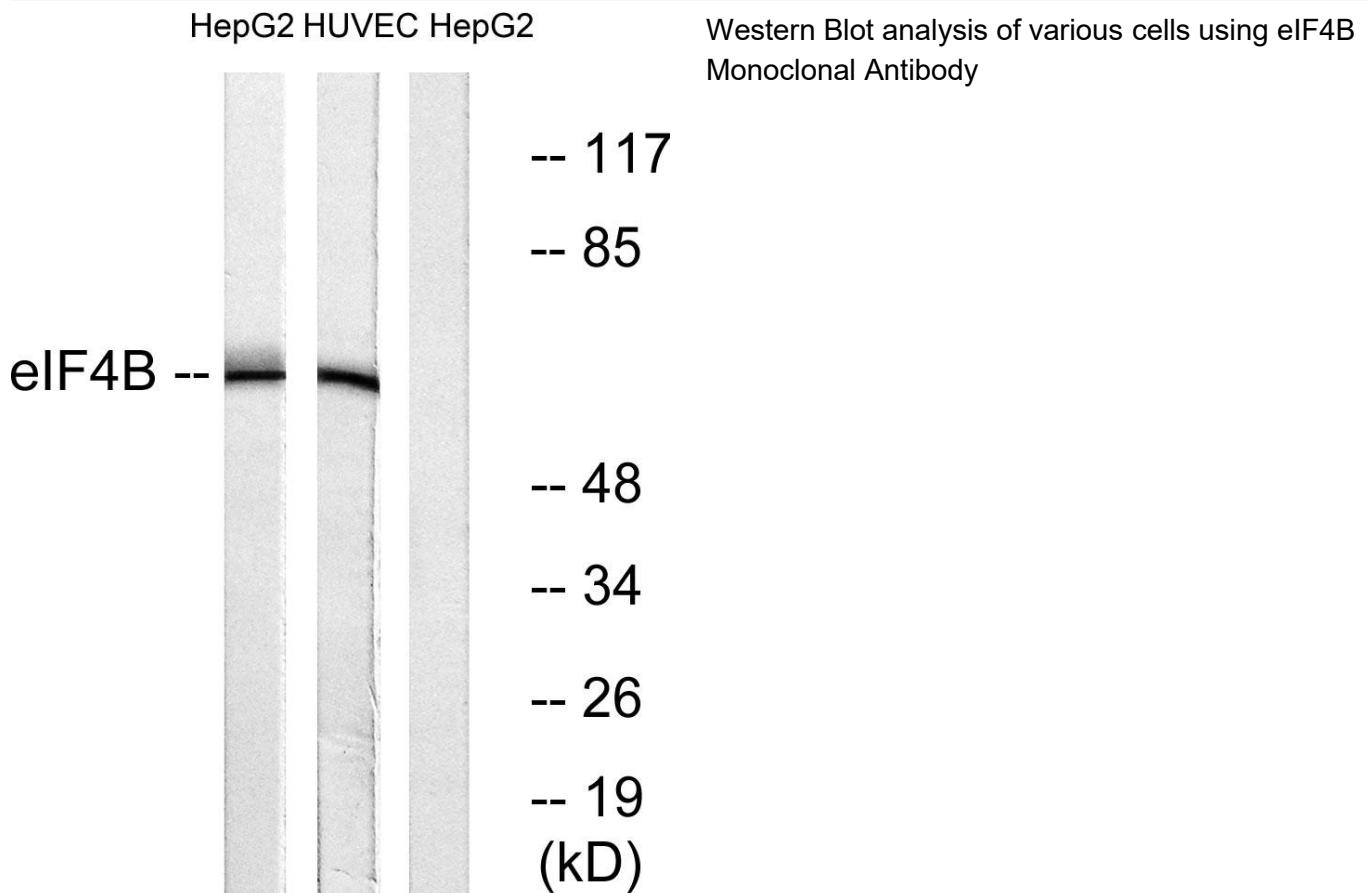
**matters needing  
attention**

Avoid repeated freezing and thawing!

**Usage suggestions**

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

## Products Images



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网址: [www.njbybio.com](http://www.njbybio.com)

官方热线: 025-5229-8998

监督电话: 15950492658