

# **EIF4B** Antibody

Purified Mouse Monoclonal Antibody Catalog # AO1715a

#### **Product Information**

Application Primary Accession Reactivity Host Clonality Clone Names Isotype Calculated MW Description	WB, IHC, FC, ICC, E P23588 Human, Mouse Mouse Monoclonal 1F5 IgG2b 69151 The eukaryotic translation initiation factor 4B (eIF4B) plays a critical role in recruiting the 40S ribosomal subunit to the mRNA.It functions in close association with eIF4F and eIF4A. It binds near the 5'-terminal cap of mRNA in the presence of eIF4F and ATP. It promotes the ATPase activity and the ATP-dependent RNA unwinding activity of both eIF4A and eIF4F
Immunogen	Purified recombinant fragment of human EIF4B expressed in E. Coli.
Formulation	Purified antibody in PBS with 0.05% sodium azide

### **Additional Information**

Gene ID	1975
Other Names	Eukaryotic translation initiation factor 4B, eIF-4B, EIF4B
Dilution	WB~~1/500 - 1/2000 IHC~~1/200 - 1/1000 FC~~1/200 - 1/400 ICC~~N/A E~~1/10000
Storage	Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	EIF4B Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Protein	Information	

Name	EIF4B
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

## References

1. Mol Biol Cell. 2009 Jun;20(11):2673-83. 2. EMBO J. 2006 Jun 21;25(12):2781-91.

## Images



Figure 5: Immunohistochemical analysis of paraffin-embedded colon cancer tissues using EIF4B mouse mAb with DAB staining.



Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.