

产品名称: EIF4B Mouse Monoclonal Antibody
产品货号: AMM81132



产品概述 (Summary)

产品名称 (Production Name)	EIF4B Mouse Monoclonal Antibody
描述 (Description)	Mouse monoclonal Antibody
宿主 (Host)	Mouse
应用 (Application)	WB,IHC,ICC,ELISA,FC
种属反应性 (Reactivity)	Human,Mouse

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
同种型 (Isotype)	Mouse IgG2b
克隆 (Clonality)	Monoclonal
形式 (Form)	Liquid
存放说明 (Storage)	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
储存溶液 (Buffer)	Purified antibody in PBS with 0.05% sodium azide
纯化方式 (Purification)	Affinity Purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	EIF4B
别名 (Alternative Names)	EIF-4B; PRO1843
基因 ID (Gene ID)	1975.0
蛋白 ID (SwissProt ID)	P23588.Purified recombinant fragment of human EIF4B expressed in E. Coli.

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,IHC 1:200-1:1000,ICC 1:200-1:1000,ELISA 1:5000-1:20000,FC 1:200-1:400
蛋白分子量 (Molecular Weight)	80kDa

研究背景 (Background)

The eukaryotic translation initiation factor 4B (eIF4B) plays a critical role in recruiting the 40S ribosomal subunit to the

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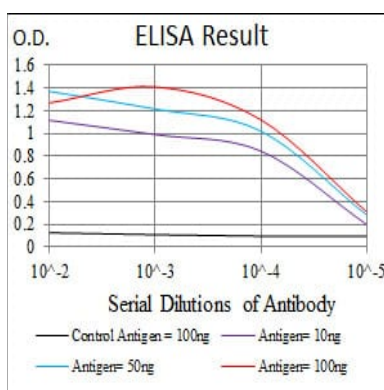


mRNA. It functions in close association with eIF4F and eIF4A. It binds near the 5'-terminal cap of mRNA in the presence of eIF4F and ATP. It promotes the ATPase activity and the ATP-dependent RNA unwinding activity of both eIF4A and eIF4F

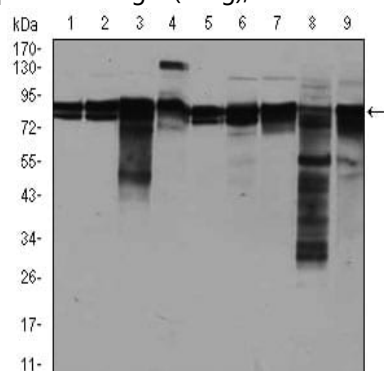
研究领域 (Research Area)

PI3K-Akt signaling pathway, mTOR signaling pathway

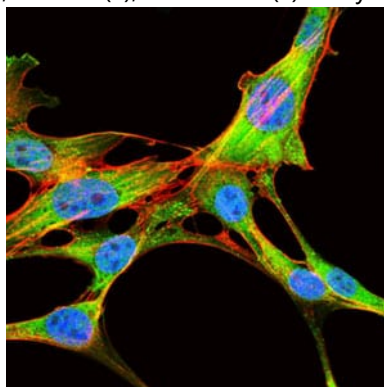
图片 (Image Data)



Black line: Control Antigen (100 ng); Purple line: Antigen(10ng); Blue line: Antigen (50 ng); Red line: Antigen (100 ng);



Western blot analysis using EIF4B mouse mAb against A549 (1), A431 (2), HepG2 (3), HEK293 (4), HeLa (5), Jurkat (6), K562 (7), NIH3T3 (8), and MCF-7 (9) cell lysate.

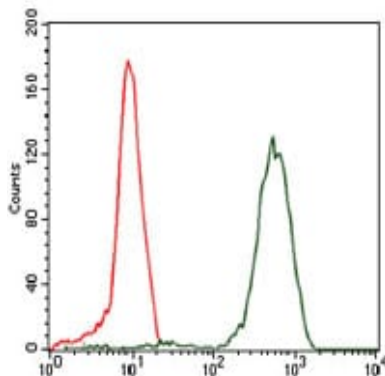


Immunofluorescence analysis of NIH3T3 cells using EIF4B mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin

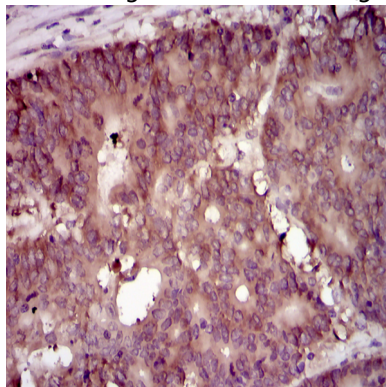
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filaments have been labeled with Alexa Fluor-555 phalloidin.



Flow cytometric analysis of HeLa cells using EIF4B mouse mAb (green) and negative control (red).



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

注意事项 (Note)

For research use only .