

产品名称: EI2BG Mouse Monoclonal Antibody
产品货号: AMM82933



产品概述 (Summary)

产品名称 (Production Name)	EI2BG Mouse Monoclonal Antibody
描述 (Description)	Mouse monoclonal Antibody
宿主 (Host)	Mouse
应用 (Application)	WB,IHC,ICC,FC
种属反应性 (Reactivity)	Human

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
同种型 (Isotype)	Mouse IgG1
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)	EI2BG
别名 (Alternative Names)	EIF2B3;EIF-2B; EIF2Bgamma
基因 ID (Gene ID)	8891.0
蛋白 ID (SwissProt ID)	Q9NR50.Purified recombinant fragment of human EI2BG 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 1:50-1:200,FC 1:200-1:400
蛋白分子量 (Molecular Weight)	50.2kDa

研究背景 (Background)

The protein encoded by this gene is one of the subunits of initiation factor eIF2B, which catalyzes the exchange of eukaryotic initiation factor 2-bound GDP for GTP. It has also been found to function as a cofactor of hepatitis C virus

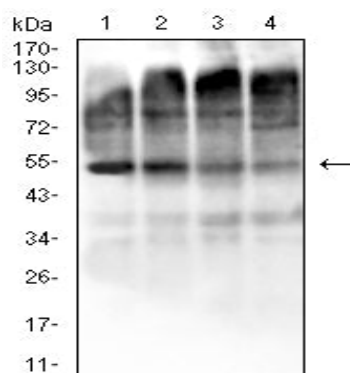
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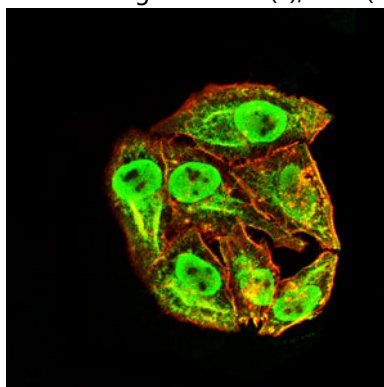
internal ribosome entry site-mediated translation. Mutations in this gene have been associated with leukodystrophy with vanishing white matter. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.

研究领域 (Research Area)

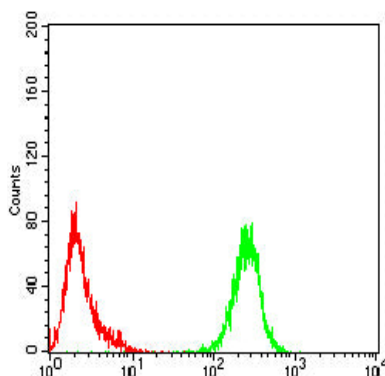
图片 (Image Data)



Western blot analysis using EI2BG mouse mAb against K562 (1), HeLa (2), MCF-7 (3) and HL-60 (4) cell lysate.

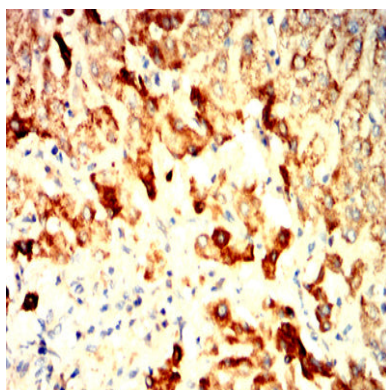


Immunofluorescence analysis of HeLa cells using EI2BG mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor- 555 phalloidin. Secondary antibody from Fisher (Cat#: 35503)

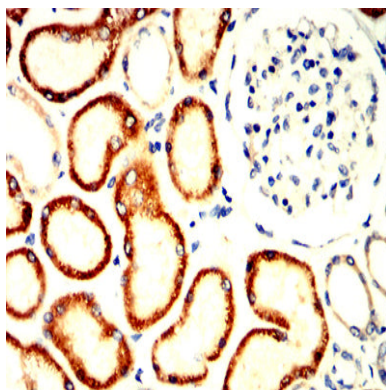


Flow cytometric analysis of HL-60 cells using EI2BG mouse mAb (green) and negative control (red).

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Immunohistochemical analysis of paraffin-embedded human liver tissues using EI2BG mouse mAb with DAB staining.



Immunohistochemical analysis of paraffin-embedded human kidney tissues using EI2BG mouse mAb with DAB staining.

注意事项 (Note)

For research use only .