

产品名称: EIF2AK2 Mouse Monoclonal Antibody
产品货号: AMM81375



产品概述 (Summary)

产品名称 (Production Name)	EIF2AK2 Mouse Monoclonal Antibody
描述 (Description)	Mouse monoclonal Antibody
宿主 (Host)	Mouse
应用 (Application)	WB,IHC,ELISA,FC
种属反应性 (Reactivity)	Human,Mouse,Rat,Rabbit

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)	EIF2AK2
别名 (Alternative Names)	PKR; PRKR; EIF2AK1
基因 ID (Gene ID)	5610.0
蛋白 ID (SwissProt ID)	P19525.Purified recombinant fragment of human EIF2AK2 (AA: 329-551) expressed in E. Coli.

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,IHC 1:100-1:500,ELISA 1:5000-1:20000,FC 1:200-1:400
蛋白分子量 (Molecular Weight)	62kDa

研究背景 (Background)

The protein encoded by this gene is a serine/threonine protein kinase that is activated by autophosphorylation after

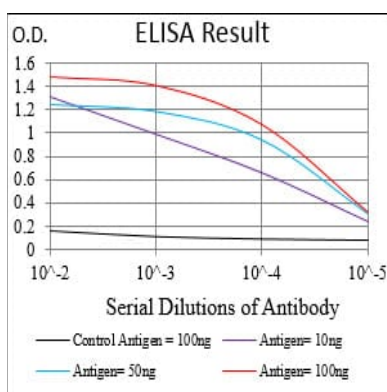
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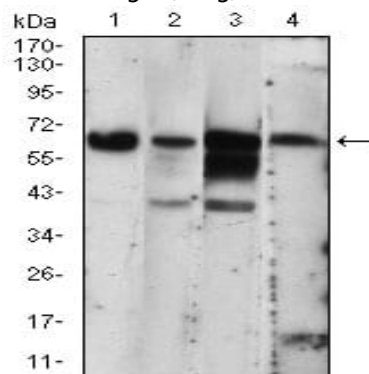
binding to dsRNA. The activated form of the encoded protein can phosphorylate translation initiation factor EIF2S1, which in turn inhibits protein synthesis. This protein is also activated by manganese ions and heparin. Three transcript variants encoding two different isoforms have been found for this gene.

研究领域 (Research Area)

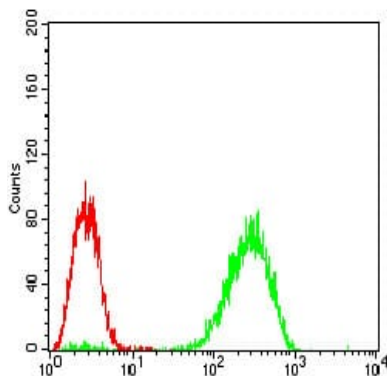
图片 (Image Data)



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

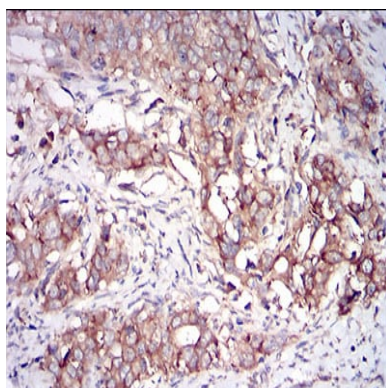


Western blot analysis using EIF2AK2 mouse mAb against A431 (1), THP-1 (2), MCF-7 (3), PC-12 (4) cell lysate.

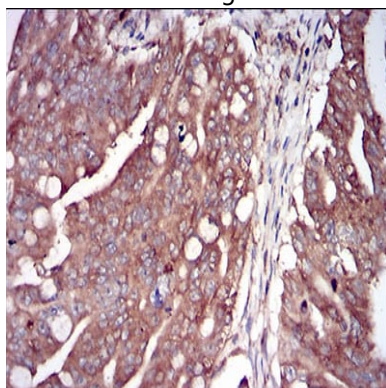


Flow cytometric analysis of A431 cells using EIF2AK2 mouse mAb (green) and negative control (red).

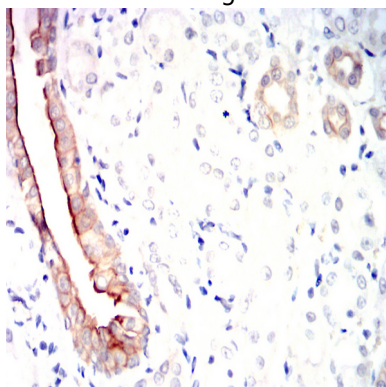
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Immunohistochemical analysis of paraffin-embedded human cervical cancer tissues using EIF2AK2 mouse mAb with DAB staining.

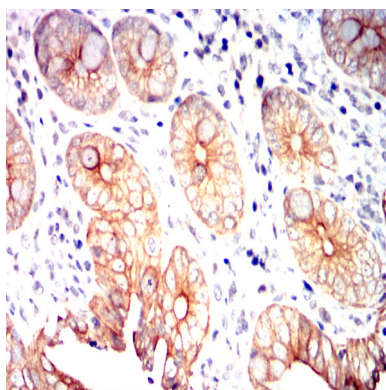


Immunohistochemical analysis of paraffin-embedded human rectum cancer tissues using EIF2AK2 mouse mAb with DAB staining.



Immunohistochemical analysis of paraffin-embedded Rabbit kidney using EIF2AK2 mouse mAb with DAB staining.

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Immunohistochemical analysis of paraffin-embedded Rabbit rectum using EIF2AK2 mouse mAb with DAB staining.

注意事项 (Note)

For research use only .