

产品名称: mTOR Mouse Monoclonal Antibody
产品货号: AMM81583



产品概述 (Summary)

产品名称 (Production Name)	mTOR Mouse Monoclonal Antibody
描述 (Description)	Mouse monoclonal Antibody
宿主 (Host)	Mouse
应用 (Application)	IHC,ELISA
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 IgG2a
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)	mTOR
别名 (Alternative Names)	FRAP; FRAP1; FRAP2; RAFT1; RAPT1
基因 ID (Gene ID)	2475.0
蛋白 ID (SwissProt ID)	P42345.Purified recombinant fragment of human mTOR (AA: 2311-2529) expressed in E. Coli.

产品应用 (Application)

稀释比 (Dilution Ratio)	IHC 1:200-1:1000,ELISA 1:5000-1:20000
蛋白分子量 (Molecular Weight)	289kDa

研究背景 (Background)

The protein encoded by this gene belongs to a family of phosphatidylinositol kinase-related kinases. These kinases mediate

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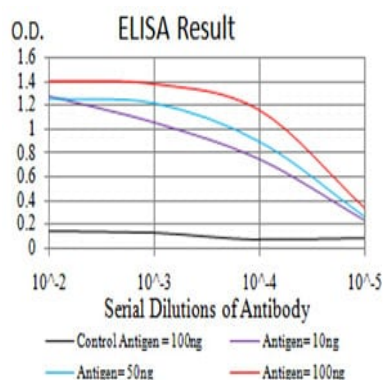


cellular responses to stresses such as DNA damage and nutrient deprivation. This protein acts as the target for the cell-cycle arrest and immunosuppressive effects of the FKBP12-rapamycin complex. The ANGPTL7 gene is located in an intron of this gene.

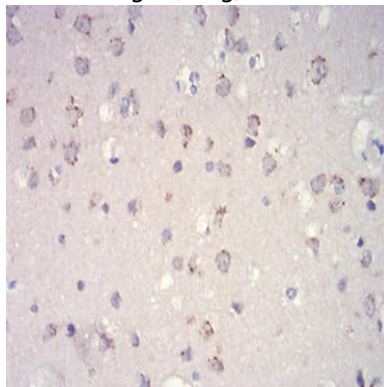
研究领域 (Research Area)

PI3K-Akt signaling pathway, mTOR signaling pathway, Jak-STAT signaling pathway, Hippo signaling pathway

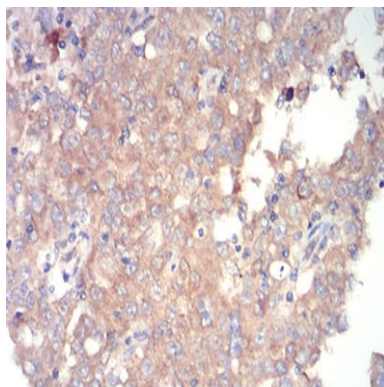
图片 (Image Data)



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



Immunohistochemical analysis of paraffin-embedded human brain tissues using mTOR mouse mAb with DAB staining.

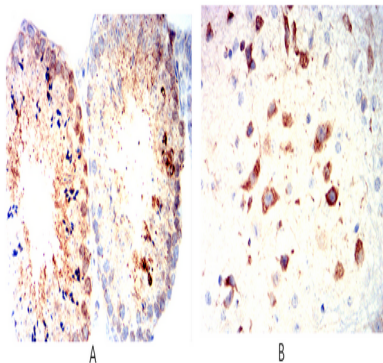


Immunohistochemical analysis of paraffin-embedded human endometrial cancer tissues using mTOR mouse mAb with DAB

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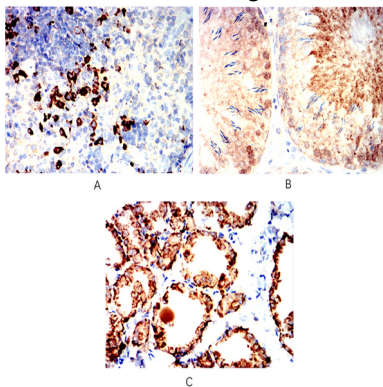


staining.



Immunohistochemical analysis of paraffin-embedded Mouse testis(A)Mouse cerebellum(B) using mTOR mouse mAb with

DAB staining.



Immunohistochemical analysis of paraffin-embedded Rat spleen(A)Rat testis(B)Rat thyroid(C) using mTOR mouse mAb with
DAB staining.

注意事项 (Note)

For research use only .