

产品名称: P70 S6 Kinase(1C7)Mouse Monoclonal Antibody
产品货号: AMM15667



产品概述 (Summary)

产品名称 (Production Name)	P70 S6 Kinase(1C7)Mouse Monoclonal Antibody
描述 (Description)	Mouse monoclonal Antibody
宿主 (Host)	Mouse
应用 (Application)	IHC, ICC/IF
种属反应性 (Reactivity)	Human, Rat, Mouse

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
同种型 (Isotype)	IgG
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)	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
纯化方式 (Purification)	Affinity purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	RPS6KB1 STK14A P70S6K
别名 (Alternative Names)	RPS6KB1
基因 ID (Gene ID)	6198.0
蛋白 ID (SwissProt ID)	P23443.Recombinant Protein of P70 S6 Kinase of RPS6KB1

产品应用 (Application)

稀释比 (Dilution Ratio)	IHC 1:100-1:200, ICC/IF 1:50-1:200
蛋白分子量 (Molecular Weight)	70,85kDa

研究背景 (Background)

ribosomal protein S6 kinase B1(RPS6KB1) Homo sapiens This gene encodes a member of the ribosomal S6 kinase family

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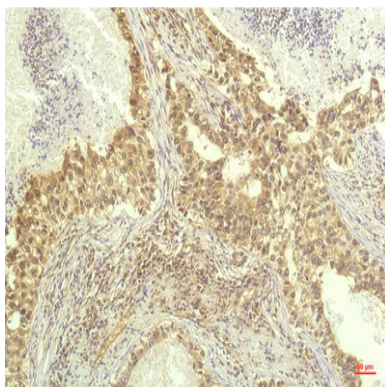


of serine/threonine kinases. The encoded protein responds to mTOR (mammalian target of rapamycin) signaling to promote protein synthesis, cell growth, and cell proliferation. Activity of this gene has been associated with human cancer. Alternatively spliced transcript variants have been observed. The use of alternative translation start sites results in isoforms with longer or shorter N-termini which may differ in their subcellular localizations. There are two pseudogenes for this gene on chromosome 17. [provided by RefSeq, Jan 2013],catalytic activity:ATP + a protein = ADP + a phosphoprotein.,enzyme regulation:Activation by serine/threonine phosphorylation and protein kinase C, inactivated by type 2A phosphatase.,function:Phosphorylates specifically ribosomal protein S6 in response to insulin or several classes of mitogens.,similarity:Belongs to the protein kinase superfamily.,similarity:Belongs to the protein kinase superfamily. AGC Ser/Thr protein kinase family. S6 kinase subfamily.,similarity:Contains 1 AGC-kinase C-terminal domain.,similarity:Contains 1 protein kinase domain.,subunit:Interacts with PPP1R9A/neurabin-1.,tissue specificity:Widely expressed.,

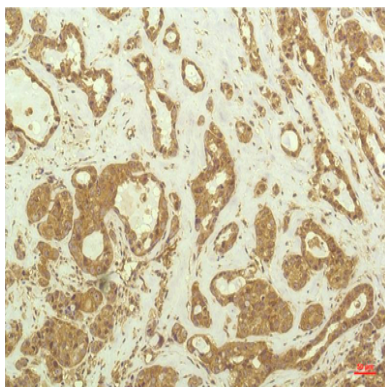
研究领域 (Research Area)

ErbB_HER;mTOR;TGF-beta;Fc gamma R-mediated phagocytosis;Insulin_Receptor;Acute myeloid leukemia;

图片 (Image Data)



Immunohistochemical analysis of paraffin-embedded Human Lung Carcinoma Tissue using P70 S6 Kinase Mouse mAb diluted at 1:200.



Immunohistochemical analysis of paraffin-embedded Human Breast Carcinoma Tissue using P70 S6 Kinase Mouse mAb diluted at 1:200.

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注意事项 (Note)

For research use only .