

产品名称: ERK1/2 Rabbit Monoclonal Antibody
产品货号: AMRe83771



产品概述 (Summary)

产品名称 (Production Name)	ERK1/2 Rabbit Monoclonal Antibody
描述 (Description)	Recombinant rabbit monoclonal antibody
宿主 (Host)	Rabbit
应用 (Application)	WB, ICC, FC, IP
种属反应性 (Reactivity)	Human, Mouse, Rat

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)	Purified antibody in PBS with 0.05% sodium azide, 0.05% protective protein and 50% glycerol.
纯化方式 (Purification)	Affinity Purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	ERK1/2
别名 (Alternative Names)	ERK-1, Insulin-stimulated MAP2 kinase, MAP kinase 1, MAPK 1, p44-ERK1, ERT2, p44-MAPK, ERK-1,;ERK1/2
基因 ID (Gene ID)	
蛋白 ID (SwissProt ID)	P27361/P28482.A synthesized peptide derived from human ERK1

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:1000-1:2000, ICC 1:50-1:200, FC 1:20-1:100, IP 1:20-1:50
蛋白分子量 (Molecular Weight)	Calculated MW: 43,41 kDa ; Observed MW: 42,44 kDa

研究背景 (Background)

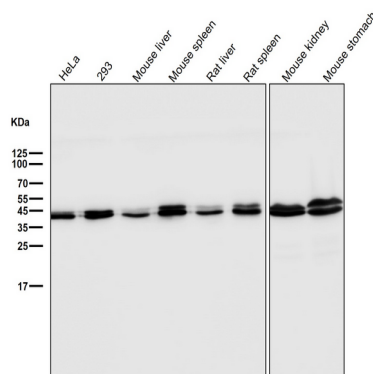
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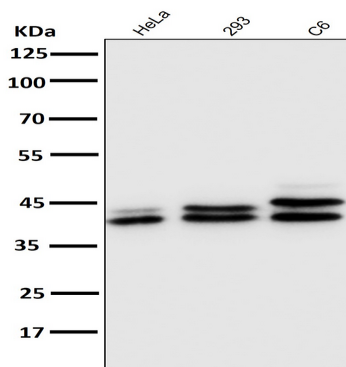
Serine/threonine kinase which acts as an essential component of the MAP kinase signal transduction pathway. MAPK1/ERK2 and MAPK3/ERK1 are the 2 MAPKs which play an important role in the MAPK/ERK cascade. They participate also in a signaling cascade initiated by activated KIT and KITLG/SCF. Depending on the cellular context, the MAPK/ERK cascade mediates diverse biological functions such as cell growth, adhesion, survival and differentiation through the regulation of transcription, translation, cytoskeletal rearrangements.

研究领域 (Research Area)

图片 (Image Data)

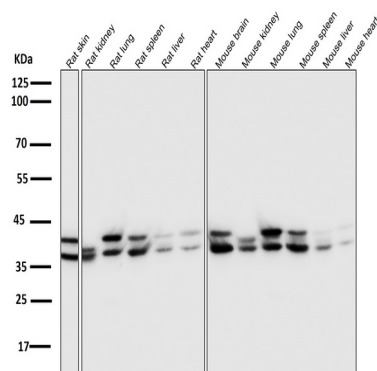


All lanes use the Antibody at 1:2K dilution for 1 hour at room temperature.

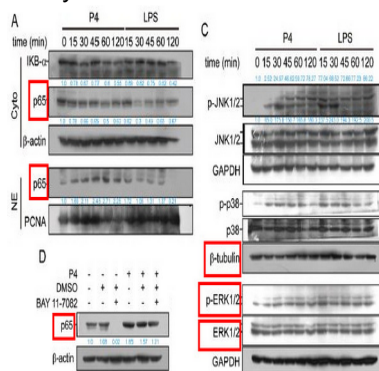


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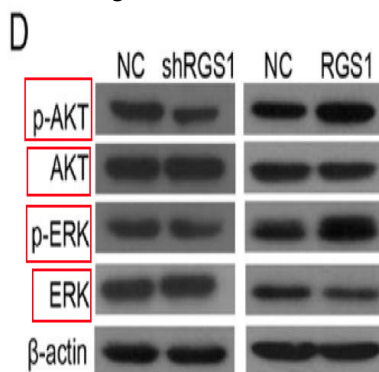
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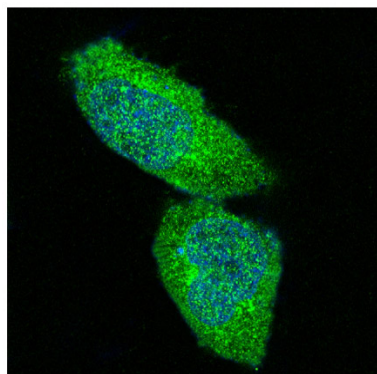


Polysaccharides from *Nostoc commune* Vaucher activate macrophages via NF- κ B and AKT/JNK1/2 pathways to suppress colorectal cancer growth in vivo. -Food & Function



Critical role for non-GAP function of Gas in RGS1-mediated promotion of melanoma progression through AKT and ERK phosphorylation. -Oncology Reports

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Immunofluorescent analysis of HeLa cells, using ERK1/2 Antibody.

注意事项 (Note)

For research use only .