

产品名称: JNK1 (1A4) Mouse Monoclonal Antibody
产品货号: AMM03520



产品概述 (Summary)

产品名称 (Production Name)	JNK1 (1A4) Mouse Monoclonal Antibody
描述 (Description)	Mouse monoclonal Antibody
宿主 (Host)	Mouse
应用 (Application)	WB, ICC/IF
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)	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)	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% sodium azide, pH 7.3.
纯化方式 (Purification)	Affinity Purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	MAPK8 A1849689; c Jun N terminal kinase 1; C-JUN kinase 1; c-Jun N-terminal kinase 1; EC 2.7.11.24; JAK 1A; JAK1A; JNK 1; JNK 46; JNK; JNK-46; JNK1A2; JNK21B1/2; MAP kinase 8; MAPK 8; MAPK8; Mitogen activated protein kinase 8; Mitogen-activated protein kinase 8; MK08_HUMAN; p54 gamma; PRKM 8; PRKM8; Protein kinase JNK1; Protein kinase; mitogen-activated; 8; SAPK 1; SAPK gamma; SAPK1; Stress activated protein kinase JNK1; Stress-activated protein kinase 1; Stress-activated protein kinase JNK1; Tyrosine protein kinase JAK1 .
别名 (Alternative Names)	
基因 ID (Gene ID)	5599
蛋白 ID (SwissProt ID)	P45983.

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稀释比 (Dilution Ratio)

WB 1:500-1:1000, ICC/IF 1:50-1:200

蛋白分子量 (Molecular Weight)

Calculated MW: 48 kDa; Observed MW: 46,54 kDa

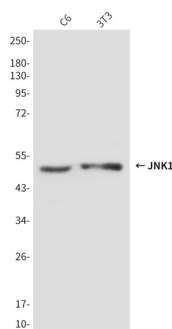
研究背景 (Background)

The protein encoded by this gene is a member of the MAP kinase family. MAP kinases act as an integration point for multiple biochemical signals, and are involved in a wide variety of cellular processes such as proliferation, differentiation, transcription regulation and development. This kinase is activated by various cell stimuli, and targets specific transcription factors, and thus mediates immediate-early gene expression in response to cell stimuli. The activation of this kinase by tumor-necrosis factor alpha (TNF-alpha) is found to be required for TNF-alpha induced apoptosis. This kinase is also involved in UV radiation induced apoptosis, which is thought to be related to cytochrom c-mediated cell death pathway. Studies of the mouse counterpart of this gene suggested that this kinase play a key role in T cell proliferation, apoptosis and differentiation. Several alternatively spliced transcript variants encoding distinct isoforms have been reported. [provided by RefSeq, Apr 2016]

研究领域 (Research Area)

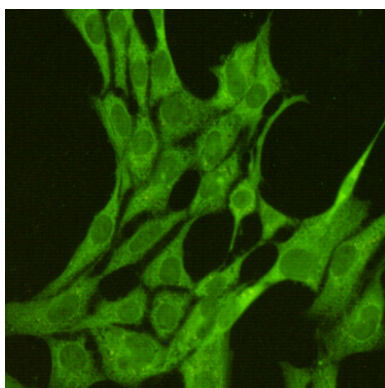
Signal Transduction

图片 (Image Data)

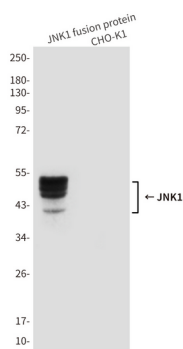


Western blot analysis of JNK1 in C6 and 3T3 lysates using JNK1 antibody.

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Immunofluorescence analysis of JNK1 (1A4) in 3T3 using JNK1 antibody.



Western blot analysis of JNK1 (1A4) in CHO-K1 cell lysates(B) and CHO-K1 transfected by JNK1 fragment fusion protein(A) cell lysates using JNK1 antibody.

注意事项 (Note)

For research use only .