

产品名称: MAP2K4 Mouse Monoclonal Antibody
产品货号: AMM80564



产品概述 (Summary)

产品名称 (Production Name)	MAP2K4 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

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
同种型 (Isotype)	Mouse IgM
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)	PBS containing 0.03% sodium azide.
纯化方式 (Purification)	Affinity Purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	MAP2K4
别名 (Alternative Names)	MAP2K4
基因 ID (Gene ID)	6416.0
蛋白 ID (SwissProt ID)	P45985.Purified recombinant fragment of MAP2K4 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)	/

研究背景 (Background)

MAP2K4(mitogen-activated protein kinase kinase 4), which is located on chromosome 17p11.2, with 399-amino acid protein (about 45 kDa), belongs to the family of protein kinases located upstream of the MAP kinases and responsible for

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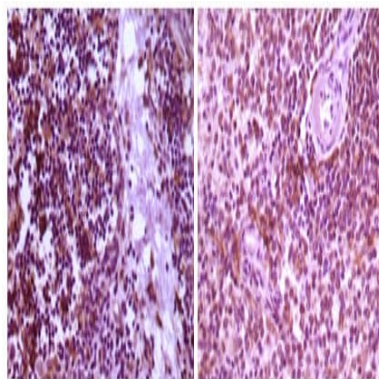


their activation has been identified. MEK-4 (also called MEK4/MKK4) activates both p38 and JNK MAP kinases. MKK4 is a central mediator in the stress activated protein kinase signaling pathway that responds to a number of cellular and environmental stressors. By phosphorylating MAP kinases such as JNK, MKK4 can ultimately transmit stress signals to nuclear transcription factors that mediate various processes including proliferation, apoptosis, and differentiation. Its distinct biological functions have been identified for MKK4 including a role in development, hepatogenesis, and metastasis suppression.

研究领域 (Research Area)

Apoptosis, TGF-beta signaling pathway, MAPK signaling pathway, Jak-STAT signaling pathway

图片 (Image Data)



Immunohistochemical analysis of paraffin-embedded human thymoma tissue (left) and spleen tissue (right), showing cytoplasmic localization using MAP2K4 mouse mAb with DAB staining.

注意事项 (Note)

For research use only .