

产品名称: STAT3 Mouse Monoclonal Antibody
产品货号: AMM80702



产品概述 (Summary)

产品名称 (Production Name)	STAT3 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 IgG1
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)	STAT3
别名 (Alternative Names)	APRF; HIES
基因 ID (Gene ID)	6774.0
蛋白 ID (SwissProt ID)	P40763.Purified recombinant fragment of STAT3 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)

STAT3: signal transducer and activator of transcription 3 (acute-phase response factor). The protein encoded by this gene is a member of the STAT protein family. In response to cytokines and growth factors, STAT family members are

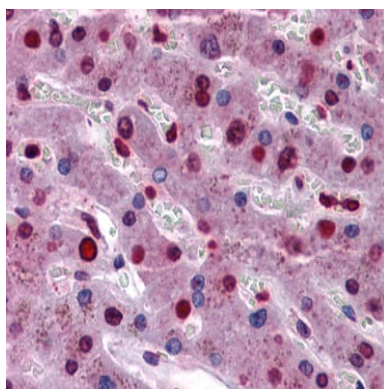
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phosphorylated by the receptor associated kinases, and then form homo- or heterodimers that translocate to the cell nucleus where they act as transcription activators. This protein is activated through phosphorylation in response to various cytokines and growth factors including IFNs, EGF, IL5, IL6, HGF, LIF and BMP2. This protein mediates the expression of a variety of genes in response to cell stimuli, and thus plays a key role in many cellular processes such as cell growth and apoptosis. The small GTPase Rac1 has been shown to bind and regulate the activity of this protein. PIAS3 protein is a specific inhibitor of this protein. Three alternatively spliced transcript variants encoding distinct isoforms have been described.

研究领域 (Research Area)

Jak-STAT signaling pathway

图片 (Image Data)



Immunohistochemical analysis of paraffin-embedded human Liver tissues using STAT3 mouse mAb

注意事项 (Note)

For research use only .