

产品名称: JAK3 Mouse Monoclonal Antibody
产品货号: AMM80781



产品概述 (Summary)

产品名称 (Production Name)	JAK3 Mouse Monoclonal Antibody
描述 (Description)	Mouse monoclonal Antibody
宿主 (Host)	Mouse
应用 (Application)	WB,ICC,ELISA,FC
种属反应性 (Reactivity)	Human,Mouse

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)	JAK3
别名 (Alternative Names)	JAKL; Ljak
基因 ID (Gene ID)	3718.0
蛋白 ID (SwissProt ID)	P52333.Purified recombinant fragment of human JAK3 expressed in E. Coli.

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,ICC 1:200-1:1000,ELISA 1:5000-1:20000,FC 1:200-1:400
蛋白分子量 (Molecular Weight)	125kDa

研究背景 (Background)

JAK3, Janus kinase 3. It is a member of the Janus kinase (JAK) family of tyrosine kinases involved in cytokine receptor-mediated intracellular signal transduction. It is predominantly expressed in immune cells and transduces a signal in

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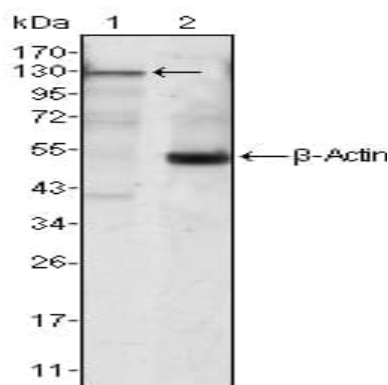


response to its activation via tyrosine phosphorylation by interleukin receptors. Mutations in this gene are associated with autosomal SCID (severe combined immunodeficiency disease).

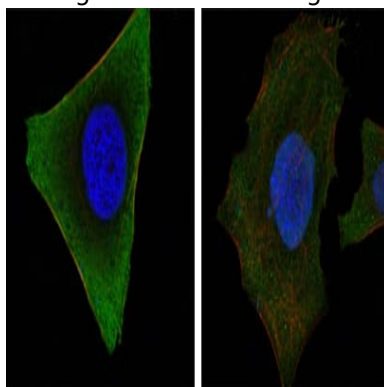
研究领域 (Research Area)

PI3K-Akt signaling pathway, Jak-STAT signaling pathway

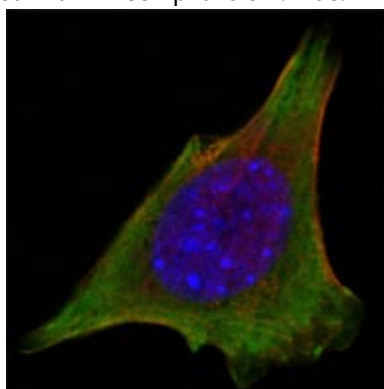
图片 (Image Data)



Western blot analysis using JAK3 mouse mAb against Jurkat cell lysate (1).



Confocal Immunofluorescence analysis of Hela (left) and HepG2 (right) cells using JAK3 mouse mAb (green). Red: Actin filaments have been labeled with DY-554 phalloidin. Blue: DRAQ5 fluorescent DNA dye.

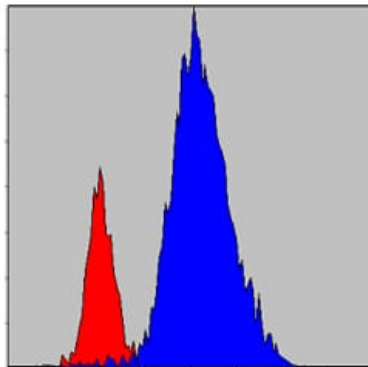


Confocal Immunofluorescence analysis of 3T3-L1 cells using JAK3 mouse mAb (green). Red: Actin filaments have been

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labeled with DY-554 phalloidin. Blue: DRAQ5 fluorescent DNA dye.



Flow cytometric analysis of Hela cells using JAK3 mouse mAb (blue) and negative control (red).

注意事项 (Note)

For research use only .