

产品名称: IL1B Mouse Monoclonal Antibody
产品货号: AMM83008



产品概述 (Summary)

产品名称 (Production Name)	IL1B Mouse Monoclonal Antibody
描述 (Description)	Mouse monoclonal Antibody
宿主 (Host)	Mouse
应用 (Application)	ICC,ELISA,FC
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)	IL1B
别名 (Alternative Names)	IL-1; IL1F2; IL1beta; IL1-BETA
基因 ID (Gene ID)	3553.0
蛋白 ID (SwissProt ID)	.Purified recombinant fragment of human IL1B (AA: 117-269) expressed in E. Coli.

产品应用 (Application)

稀释比 (Dilution Ratio)	ICC 1:200-1:1000,ELISA 1:5000-1:20000,FC 1:200-1:400
蛋白分子量 (Molecular Weight)	30.7kDa

研究背景 (Background)

The protein encoded by this gene is a member of the interleukin 1 cytokine family. This cytokine is produced by activated

产品名称: IL1B Mouse Monoclonal Antibody
产品货号: AMM83008

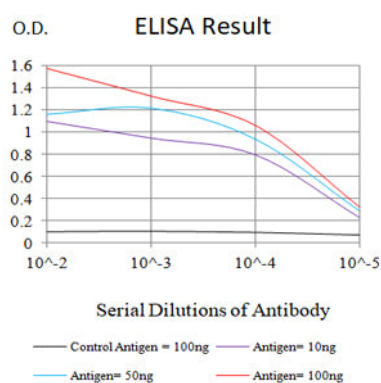


macrophages as a proprotein, which is proteolytically processed to its active form by caspase 1. This cytokine is an important mediator of the inflammatory response, and is involved in a variety of cellular activities, including cell proliferation, differentiation, and apoptosis. The induction of cyclooxygenase2 by this cytokine in the central nervous system is found to contribute to inflammatory pain hypersensitivity. This gene and eight other interleukin 1 family genes form a cytokine gene cluster on chromosome 2.

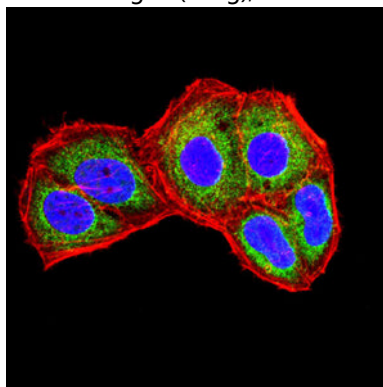
研究领域 (Research Area)

TGF-beta signaling pathway, MAPK signaling pathway

图片 (Image Data)

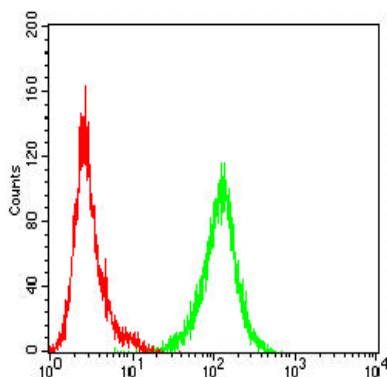


Black line: Control Antigen (100 ng); Purple line: Antigen (10ng); Blue line: Antigen (50 ng); Red line: Antigen (100 ng)

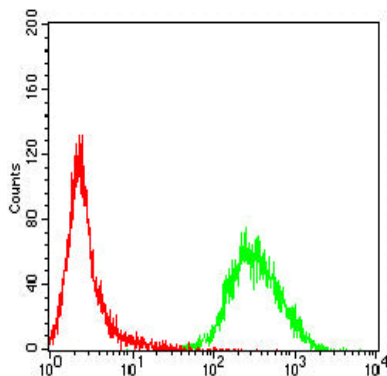


Immunofluorescence analysis of HeLa cells using IL1B mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor- 555 phalloidin. Secondary antibody from Fisher (Cat#: 35503)

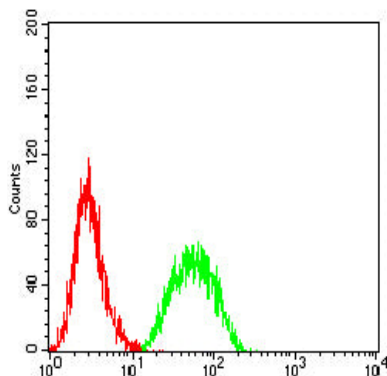
产品名称: IL1B Mouse Monoclonal Antibody
产品货号: AMM83008



Flow cytometric analysis of Jurkat cells using IL1B mouse mAb (green) and negative control (red).



Flow cytometric analysis of MOLT4 cells using IL1B mouse mAb (green) and negative control (red).



Flow cytometric analysis of THP-1 cells using IL1B mouse mAb (green) and negative control (red).

注意事项 (Note)

For research use only .