

产品名称: CSF1R Mouse Monoclonal Antibody
产品货号: AMM81293



产品概述 (Summary)

产品名称 (Production Name)	CSF1R Mouse Monoclonal Antibody
描述 (Description)	Mouse monoclonal Antibody
宿主 (Host)	Mouse
应用 (Application)	IHC, ICC, 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 IgG2b
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)	CSF1R
别名 (Alternative Names)	FMS; CSFR; FIM2; HDLS; C-FMS; CD115; CSF-1R; M-CSF-R
基因 ID (Gene ID)	1436.0
蛋白 ID (SwissProt ID)	P07333. Purified recombinant fragment of human CSF1R (AA: 344-497) expressed in E. Coli.

产品应用 (Application)

稀释比 (Dilution Ratio)	IHC 1:200-1:1000, ICC 1:200-1:1000, ELISA 1:5000-1:20000
蛋白分子量 (Molecular Weight)	108kDa

研究背景 (Background)

The protein encoded by this gene is the receptor for colony stimulating factor 1, a cytokine which controls the production,

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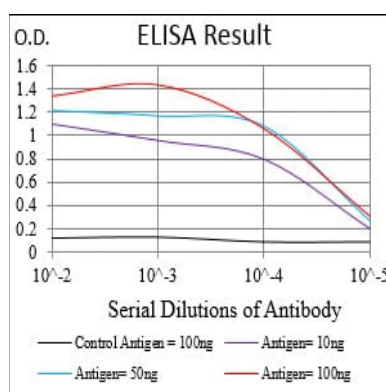


differentiation, and function of macrophages. This receptor mediates most if not all of the biological effects of this cytokine. Ligand binding activates the receptor kinase through a process of oligomerization and transphosphorylation. The encoded protein is a tyrosine kinase transmembrane receptor and member of the CSF1/PDGF receptor family of tyrosine-protein kinases. Mutations in this gene have been associated with a predisposition to myeloid malignancy. The first intron of this gene contains a transcriptionally inactive ribosomal protein L7 processed pseudogene oriented in the opposite direction.

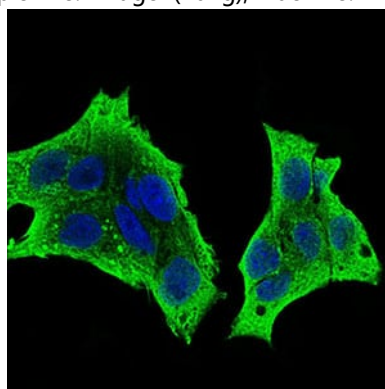
研究领域 (Research Area)

PI3K-Akt signaling pathway, Jak-STAT signaling pathway, Hippo signaling pathway

图片 (Image Data)

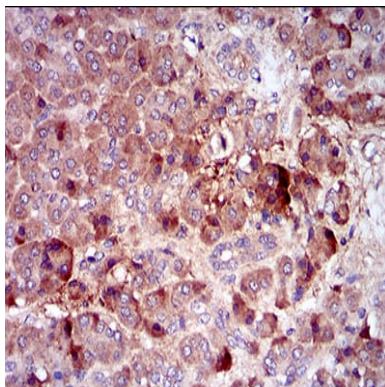


Black line: Control Antigen (100 ng); Purple line: Antigen(10ng); Blue line: Antigen (50 ng); Red line: Antigen (100 ng);

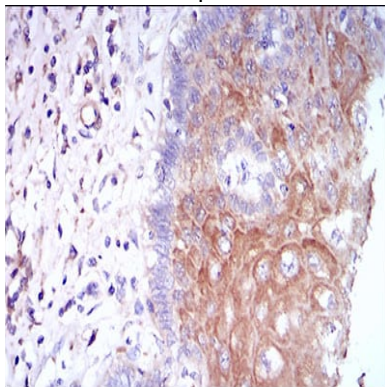


Immunofluorescence analysis of HepG2 cells using CSF1R mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye. Secondary antibody from Fisher (Cat#: 35503)

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Immunohistochemical analysis of paraffin-embedded human pancreas tissues using CSF1R mouse mAb with DAB staining.



Immunohistochemical analysis of paraffin-embedded human esophageal tissues using CSF1R mouse mAb with DAB staining.

注意事项 (Note)

For research use only .