

产品名称: c-Fms Rabbit Polyclonal Antibody
产品货号: AP Rab08705



产品概述 (Summary)

产品名称 (Production Name)	c-Fms Rabbit Polyclonal Antibody
描述 (Description)	Rabbit polyclonal Antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,IHC,ICC/IF,ELISA
种属反应性 (Reactivity)	Human,Rat,Mouse

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
同种型 (Isotype)	IgG
克隆 (Clonality)	Polyclonal
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)	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
纯化方式 (Purification)	Affinity purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	CSF1R
别名 (Alternative Names)	CSF1R; FMS; Macrophage colony-stimulating factor 1 receptor; CSF-1 receptor; CSF-1-R; CSF-1R; M-CSF-R; Proto-oncogene c-Fms; CD antigen CD115
基因 ID (Gene ID)	1436.0
蛋白 ID (SwissProt ID)	P07333.The antiserum was produced against synthesized peptide derived from human CSFR. AA range:781-830

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,IHC 1:100-1:300,ICC/IF 1:200-1:1000,ELISA 1:20000-1:40000
蛋白分子量 (Molecular Weight)	130-170kDa

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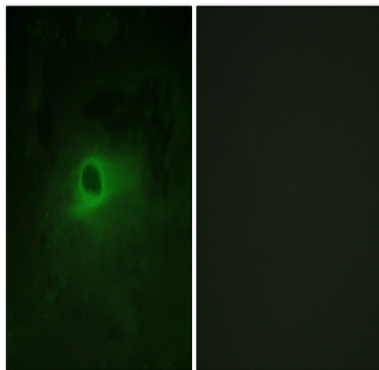
研究背景 (Background)

The protein encoded by this gene is the receptor for colony stimulating factor 1, a cytokine which controls the production, 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. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Dec 2013], catalytic activity: $\text{ATP} + \text{a [protein]-L-tyrosine} = \text{ADP} + \text{a [protein]-L-tyrosine phosphate}$, function: Protein tyrosine-kinase transmembrane receptor for CSF1 and IL34, similarity: Belongs to the protein kinase superfamily. Tyr protein kinase family, similarity: Belongs to the protein kinase superfamily. Tyr protein kinase family. CSF-1/PDGF receptor subfamily, similarity: Contains 1 protein kinase domain, similarity: Contains 5 Ig-like C2-type (immunoglobulin-like) domains, subunit: Interacts with INPPL1/SHIP2 and THOC5, tissue specificity: Expressed in bone marrow and in differentiated blood mononuclear cells,

研究领域 (Research Area)

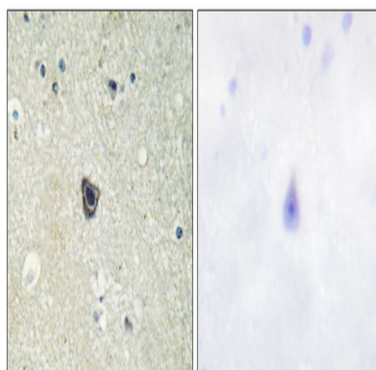
Cytokine-cytokine receptor interaction; Endocytosis; Hematopoietic cell lineage; Pathways in cancer;

图片 (Image Data)

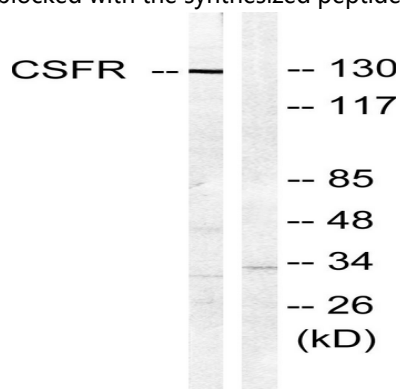


Immunofluorescence analysis of HeLa cells, using CSFR Antibody. The picture on the right is blocked with the synthesized peptide.

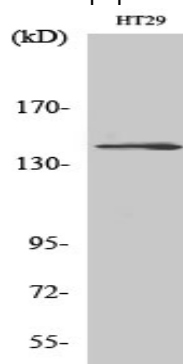
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Immunohistochemistry analysis of paraffin-embedded human brain tissue, using CSFR Antibody. The picture on the right is blocked with the synthesized peptide.

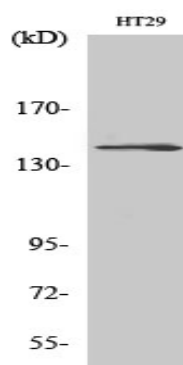


Western blot analysis of lysates from HT29 cells, using CSFR Antibody. The lane on the right is blocked with the synthesized peptide.



Western Blot analysis of various cells using c-Fms Polyclonal Antibody

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Western Blot analysis of HT29 cells using c-Fms Polyclonal Antibody

注意事项 (Note)

For research use only .