



Rabbit Anti-phospho-MCSF Receptor (Tyr561) antibody

SL18735R

Product Name:	phospho-MCSF Receptor (Tyr561)
Chinese Name:	磷酸化巨噬细胞集落刺激因子受体抗体
Alias:	MCSF Receptor (phospho Y561); p-MCSF Receptor (Y561); C FMS; CD 115; CD115; CD115 antigen; CFMS; Colony stimulating factor 1 receptor; Colony stimulating factor I receptor; CSF 1 R; CSF 1R; CSF-1 receptor; CSF-1-R; CSF1 R; CSF1R; CSF1R_HUMAN; CSFR; FIM 2; FIM2; FMS; FMS proto oncogene; FMS protooncogene; HDLS; M-CSF Receptor; M-CSF-R; Macrophage colony stimulating factor 1 receptor; Macrophage colony stimulating factor I receptor; Macrophage colony-stimulating factor 1 receptor; McDonough feline sarcoma viral (v fms) oncogene homolog; Oncogen FMS; Proto-oncogene c-Fms; V-FMS McDonough feline sarcoma viral oncogen homolog, formerly.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Dog,Pig,Cow,Horse,Sheep,
Applications:	WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	120kDa
Cellular localization:	The cell membrane
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthesised phosphopeptide derived from human MCSF Receptor around the phosphorylation site of Tyr561:NS(p-Y)TF
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.

Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
PubMed:	PubMed
Product Detail:	<p>This protein tyrosine kinase transmembrane receptor 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 member of the CSF1/PDGF receptor family of tyrosine protein kinases and contains 5 immunoglobulin like C2 type domains. CD115 is expressed by cells of the monocytic lineage and by progenitor cells. Mutations in this gene have been associated with a predisposition to myeloid malignancy.</p> <p>Function: Protein tyrosine-kinase transmembrane receptor for CSF1 and IL34.</p> <p>Subcellular Location: Membrane.</p> <p>Tissue Specificity: Expressed in bone marrow and in differentiated blood mononuclear cells.</p> <p>Similarity: Belongs to the protein kinase superfamily. Tyr protein kinase family. CSF-1/PDGF receptor subfamily. Contains 5 Ig-like C2-type (immunoglobulin-like) domains. Contains 1 protein kinase domain.</p> <p>SWISS: P07333</p> <p>Gene ID: 1436</p> <p>Database links:</p> <p>Entrez Gene: 1436 Human</p> <p>Entrez Gene: 12978 Mouse</p> <p>Omim: 164770 Human</p> <p>SwissProt: P07333 Human</p>

[SwissProt: P09581](#) Mouse

[Unigene: 586219](#) Human

[Unigene: 22574](#) Mouse

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

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