

MCSF Receptor Antibody FITC Conjugated

Catalog No: #C04302F

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Description

Product Name	MCSF Receptor Antibody FITC Conjugated
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Purified by Protein A.
Applications	IF
Species Reactivity	HuB MsB RtB
Immunogen Description	KLH conjugated synthetic peptide aa 200-245 972 derived from human MCSF receptor
Conjugates	FITC
Target Name	MCSF Receptor
Other Names	FMS; CSFR; FIM2; HDLS; C-FMS; CD115; CSF-1R; M-CSF-R; Macrophage colony-stimulating factor 1 receptor; CSF-1 receptor; CSF-1-R; Proto-oncogene c-Fms; CSF1R
Accession No.	Swiss-Prot#P07333NCBI Gene ID1436
Uniprot	P07333
GeneID	1436;
Excitation Emission	494nm 518nm
Cell Localization	Extracellular
Concentration	1mg/ml
Formulation	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Application Details

IF=1:50-200B

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]

Note: This product is for in vitro research use only