

CSF1R (Phospho-Tyr723) Antibody HRP Conjugated

Catalog No: #C04467H

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Description

Product Name	CSF1R (Phospho-Tyr723) Antibody HRP Conjugated
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Purified by Protein A.
Applications	WBB B IHC-PB IHC-F
Species Reactivity	HuB MsB RtB B B B
Immunogen Description	KLH conjugated synthetic phosphopeptide aa 694-744 972 derived from human CSF1R around the phosphorylation site of tyrosine 723
Conjugates	HRP
Target Name	CSF1R Tyr723
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	N A
Cell Localization	Cytoplasm
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

WB=1:500-2000B B IHC-P=1:50-200B IHC-F=1:50-200B

Background

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.

Note: This product is for in vitro research use only