

CSF1R

Reactivity: Human Mouse Rat

Tested applications: WB

Recommended Dilution: WB 1:500 - 1:2000

Calculated MW: 108kDa

Observed MW: Refer to Figures

Immunogen:

A synthetic peptide of human CSF1R

Storage Buffer:

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Synonym:

FMS; CSFR; FIM2; HDLS; C-FMS; CD115; CSF-1R; M-CSF-R

Catalog #: A3019

Antibody Type:

Polyclonal Antibody

Species: Rabbit

Gene ID: 1436

Isotype: IgG

Swiss Prot: P07333

Purity: Affinity purification

For research use only.

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.

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