

MCSF Antibody

Rabbit mAb

Catalog # AP90401

Product Information

Application	WB, IHC, IF, ICC, IP, IHF
Primary Accession	P09603
Reactivity	Human
Clonality	Monoclonal
Other Names	CSF1; Csfm; MCSF; MGC31930; Macrophage colony stimulating factor;
Isotype	Rabbit IgG
Host	Rabbit
Calculated MW	60179

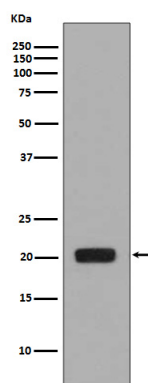
Additional Information

Dilution	WB 1:1000~1:1000 IHC 1:50~1:200 ICC/IF 1:50~1:100 IP 1:50
Purification	Affinity-chromatography
Immunogen	A synthesized peptide derived from human MCSF
Description	CSF1, also known as MCSF, is a four- α -helical bundle cytokine that controls the production, differentiation, and function of macrophages. The active form of the protein is found extracellularly as a disulfide-linked homodimer, and is thought to be produced by proteolytic cleavage of membrane-bound precursors. This protein may be involved in development of the placenta.
Storage Condition and Buffer	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

Protein Information

Name	CSF1
Function	Cytokine that plays an essential role in the regulation of survival, proliferation and differentiation of hematopoietic precursor cells, especially mononuclear phagocytes, such as macrophages and monocytes. Promotes the release of pro-inflammatory chemokines, and thereby plays an important role in innate immunity and in inflammatory processes. Plays an important role in the regulation of osteoclast proliferation and differentiation, the regulation of bone resorption, and is required for normal bone development. Required for normal male and female fertility. Promotes reorganization of the actin cytoskeleton, regulates formation of membrane ruffles, cell adhesion and cell migration. Plays a role in lipoprotein clearance.
Cellular Location	Cell membrane; Single-pass type I membrane protein

Images



Western blot analysis of MCSF expression in MCSF recombinant protein.

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