

anti-Mouse, Rat MCSF Polyclonal Antibody | anti-MCSF antibody

Anti-MCSF Antibody

CATALOG # AAA46294	REACTIVITY Mouse, Rat	APPLICATIONS ELISA, Immunohistochemistry
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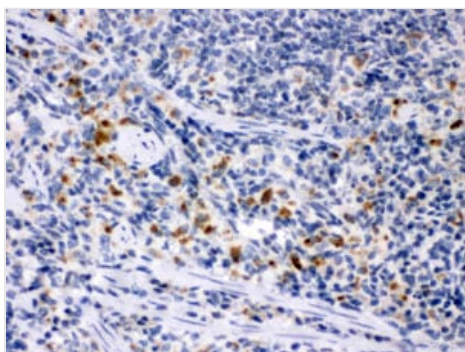
PRODUCT SYNONYMS

MCSF; Polyclonal Antibody; Anti-MCSF Antibody; Macrophage colony-stimulating factor 1; Colony stimulating factor 1 (macrophage); Colony stimulating factor 1; Colony stimulating factor macrophage specific; CSF 1; CSF-1; CSF1; CSF1_HUMAN; Csfm; Lanimostim; M CSF; M-CSF; Macrophage Colony Stimulating Factor 1; Macrophage colony stimulating factor; MGC31930; Processed macrophage colony-stimulating factor 1; colony stimulating factor 1 (macrophage); anti-MCSF antibody

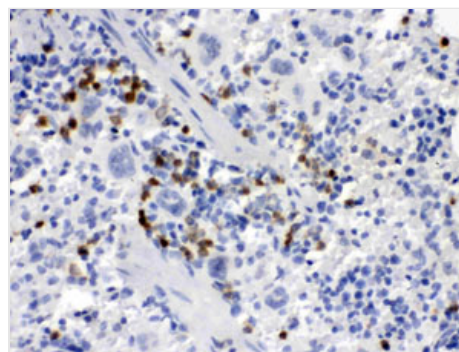
PRODUCT SPECIFICATIONS

Reactivity	Mouse, Rat
Clonality	Polyclonal
Specificity	No cross reactivity with other proteins.
Purity/Purification	Immunogen Affinity Purified
Form/Format	Lyophilized. Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na2HPO4, 0.05mg NaN3.
Sequence Length	257
Applicable Applications for anti-MCSF antibody	ELISA, IHC (Immunohistochemistry)
Immunogen	E Coli-derived mouse MCSF recombinant protein (Position: K33-E262). Mouse MCSF shares 80.9 % and 88.6% amino acid (aa) sequence identity with human and rat MCSF, respectively.
Ig Type	Rabbit IgG
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
Preparation and Storage	At -20°C for one year. After reconstitution, at 4°C for one month. It can also be aliquoted and stored frozen at -20°C for a longer time. Avoid repeated freezing and thawing.

IMAGES



IHC (Immunohistochemistry)
Anti- MCSF Picoband antibody, AAA46294, IHC(P)IHC(P): Rat Spleen Tissue



IHC (Immunohistochemistry)
Anti- MCSF Picoband antibody, AAA46294, IHC(P)IHC(P): Mouse Spleen Tissue

ADDITIONAL INFORMATION

Related Product Information for anti-MCSF antibody	Description: Rabbit IgG polyclonal antibody for Macrophage colony-stimulating factor 1(CSF1) detection. Tested with IHC-P, ELISA in Mouse;Rat. Background: M-CSF (or CSF-1) is a hematopoietic growth factor that is involved in the proliferation, differentiation, and survival of monocytes, macrophages, and bone marrow progenitor cells. M-CSF affects macrophages and monocytes in several ways, including stimulating increased phagocytic and chemotactic activity, and increased tumour cell cytotoxicity. The role of M-CSF is not only restricted to the monocyte/macrophage cell lineage. By interacting with its membrane receptor (CSF1R or M-CSF-R encoded by the c-fms proto-oncogene), M-CSF also modulates the proliferation of earlier hematopoietic progenitors and influence numerous physiological processes involved in immunology, metabolism, fertility and pregnancy.
References	1. Fixe P, Praloran V (June 1997). "Macrophage colony-stimulating-factor (M-CSF or CSF-1) and its receptor: structure-function relationships". Eur. Cytokine Netw. 8 (2): 125-36. 2. Nemunaitis J (April 1993). "Macrophage function activating cytokines: potential clinical application". Crit. Rev. Oncol. Hematol. 14 (2): 153-71. 3. Stanley ER, Berg KL, Einstein DB, Lee PS, Pixley FJ, Wang Y, Yeung YG (January 1997). "Biology and action of colony-stimulating factor-1". Mol. Reprod. Dev. 46(1): 4-10.

NCBI AND UNIPROT INFORMATION

NCBI GI #	166064046
NCBI GeneID	12977
NCBI Accession #	NP_001107001.1
NCBI GenBank Nucleotide #	NM_001113529.1
UniProt Accession #	P07141; Q3U395; Q8R3C8
NCBI Official Full Name	macrophage colony-stimulating factor 1 isoform 2
NCBI Official Synonym Full Names	colony stimulating factor 1 (macrophage)
NCBI Official Symbol	Csf1
NCBI Official Synonym Symbols	op; Csfm; MCSF; C87615
NCBI Protein Information	macrophage colony-stimulating factor 1
UniProt Protein Name	Macrophage colony-stimulating factor 1
UniProt Gene Name	Csf1
UniProt Synonym Gene Names	Csfm; CSF-1; MCSF
UniProt Entry Name	CSF1_MOUSE

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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