10320 Camino Santa Fe, Suite G
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Tel: 858.875.1900 Fax: 858.875.1999

M-CSF Antibody
Purified Rabbit Polyclonal Antibody
Catalog # ABV11579

Specification

M-CSF Antibody - Product Information

Application	**WB**
Primary Accession	P09603
Other Accession	EAW56421
Reactivity	**Human**
Host	**Rabbit**
Clonality	**Polyclonal**
Isotype	**Rabbit IgG**
Calculated MW	**60179**

M-CSF Antibody - Additional Information

Gene ID 1435

Other Names
Macrophage colony-stimulating factor 1; CSF-1; MCSF; M-CSF; Lanimostim; Processed macrophage colony-stimulating factor 1

Target/Specificity
M-CSF

Handling
The antibody solution should be gently mixed before use.

Background Descriptions

Precautions
M-CSF Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

M-CSF Antibody - 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.

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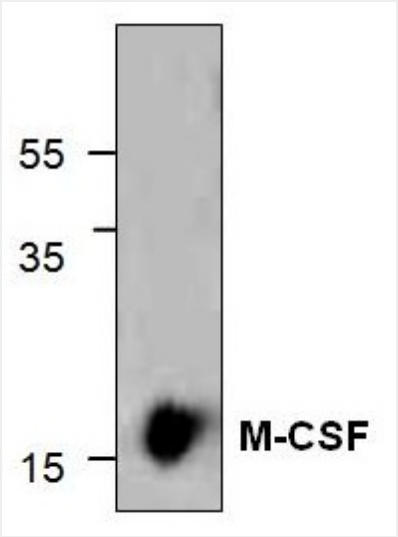
Cellular Location
Cell membrane; Single-pass type I membrane protein

M-CSF Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

M-CSF Antibody - Images



Western blot analysis of M-CSF using recombinant human M-CSF.

M-CSF Antibody - Background

Macrophage Colony Stimulating Factor (M-CSF) is produced by various cell types, including fibroblasts, microphages, and endothelial cells. M-CSF is involved in both the development and function of monocytes/microphages.