

## Rabbit M-CSF Polyclonal Antibody | anti-CSF1 antibody

M-CSF Antibody (Center)

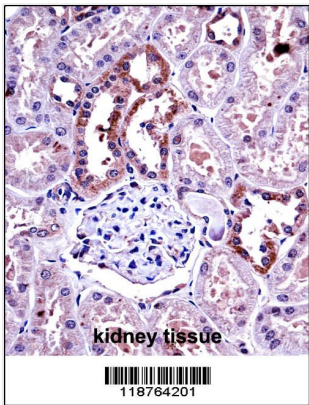
| CATALOG # | HOST   | REACTIVITY                               | APPLICATIONS                                                                                    |
|-----------|--------|------------------------------------------|-------------------------------------------------------------------------------------------------|
| AAA285142 | Rabbit | Human (Predicted Reactivity: Mouse, Rat) | Western Blot, Immunohistochemistry, Immunofluorescence, Flow Cytometry, Functional Assay, ELISA |

### PRODUCT SYNONYMS

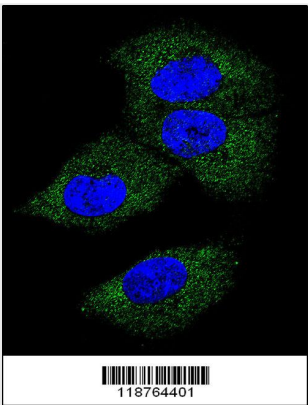
M-CSF; Polyclonal Antibody; M-CSF Antibody (Center); Macrophage colony-stimulating factor 1; CSF-1; MCSF; Lanimostim; Processed macrophage colony-stimulating factor 1; CSF1; anti-CSF1 antibody

### PRODUCT SPECIFICATIONS

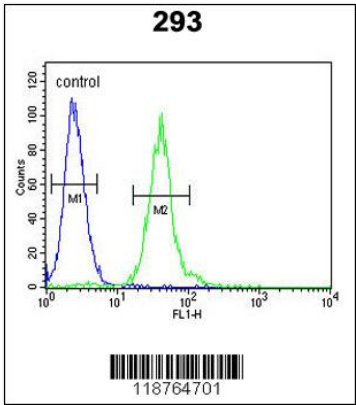
|                                                |                                                                                                                                                                                           |
|------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                           | Rabbit                                                                                                                                                                                    |
| Reactivity                                     | Human (Predicted Reactivity: Mouse, Rat)                                                                                                                                                  |
| Clonality                                      | Polyclonal                                                                                                                                                                                |
| Isotype                                        | Rabbit Ig                                                                                                                                                                                 |
| Specificity                                    | This M-CSF antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 230-257 amino acids from the Central region of human M-CSF.                       |
| Purity/Purification                            | Purified Rabbit Polyclonal Antibody (Pab)                                                                                                                                                 |
| Form/Format                                    | Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS. |
| Concentration                                  | Vial Concentration: 2 (varies by lot)                                                                                                                                                     |
| Sequence Positions                             | 230-257                                                                                                                                                                                   |
| Sequence Length                                | 554                                                                                                                                                                                       |
| Applicable Applications for anti-CSF1 antibody | WB (Western Blot), IHC (Immunohistochemistry), IF (Immunofluorescence), FCM/FACS (Flow Cytometry), ELISA                                                                                  |
| Antigen Type                                   | Synthetic Peptide                                                                                                                                                                         |
| Antigen Source                                 | HUMAN                                                                                                                                                                                     |
| Preparation and Storage                        | Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.                                    |



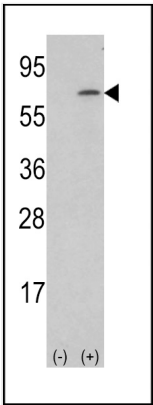
**IHC (Immunohistochemistry)**  
M-CSF Antibody (Center) (AAA285142)immunohistochemistry analysis in formalin fixed and paraffin embedded human kidney tissue followed by peroxidase conjugation of the secondary antibody and DAB staining.This data demonstrates the use of M-CSF Antibody (Center) for immunohistochemistry. Clinical relevance has not been evaluated.



**IF (Immunofluorescence)**  
Confocal immunofluorescent analysis of M-CSF Antibody (Center) with MDA-MB231 cell followed by Alexa Fluor 488-conjugated goat anti-rabbit IgG (green).DAPI was used to stain the cell nuclear (blue).



**FCM/FACS (Flow Cytometry)**  
M-CSF Antibody (Center) flow cytometric analysis of 293 cells (right histogram) compared to a negative control cell (left histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



**WB (Western Blot)**  
Western blot analysis of lysate from human placenta tissue lysate, using M-CSF Antibody (Center). AAA285142 was diluted at 1:1000 at each lane. A goat anti-rabbit IgG H&L(HRP) at 1:5000 dilution was used as the secondary antibody. Lysate at 35ug per lane.

ADDITIONAL INFORMATION

|                                                    |                                                                                                                                                                                                                                                                                                                                          |
|----------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-CSF1 antibody | CSF1 is a 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. |
| Product Categories/Family for anti-CSF1 antibody   | Cardiovascular; Immunology; Signal Transduction                                                                                                                                                                                                                                                                                          |
| References                                         | Lee,M.S., et.al.,J. Immunol. 183 (5), 3390-3399 (2009)                                                                                                                                                                                                                                                                                   |

NCBI AND UNIPROT INFORMATION

|                           |                                                                |
|---------------------------|----------------------------------------------------------------|
| NCBI GI #                 | 27262661                                                       |
| NCBI GeneID               | 1435                                                           |
| NCBI Accession #          | NP_000748.3; NP_757349.1; NP_757350.1; NP_757351.1             |
| NCBI GenBank Nucleotide # | NM_000757.5                                                    |
| UniProt Accession #       | P09603; Q13130; Q14086; Q14806; Q5VVF3; Q5VVF4; Q9UQR8; A8K6J5 |
| Molecular Weight          | 60179                                                          |

|                                  |                                                  |
|----------------------------------|--------------------------------------------------|
| NCBI Official Full Name          | macrophage colony-stimulating factor 1 isoform a |
| NCBI Official Synonym Full Names | colony stimulating factor 1 (macrophage)         |
| NCBI Official Symbol             | CSF1                                             |
| NCBI Official Synonym Symbols    | MCSF; CSF-1                                      |
| NCBI Protein Information         | macrophage colony-stimulating factor 1           |
| UniProt Protein Name             | Macrophage colony-stimulating factor 1           |
| UniProt Gene Name                | <b>CSF1</b>                                      |
| UniProt Synonym Gene Names       | CSF-1; M-CSF; MCSF                               |
| UniProt Entry Name               | CSF1_HUMAN                                       |

**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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Online datasheet: <https://stage.aaabiotech.com/polyclonal/m-csf-antibody-western-blot-immunohistochemistry-immunofluorescence-flow-cytometry-elisa/285142>