

Rabbit anti-Human CSF2 Polyclonal Antibody | anti-CSF2 antibody

CSF2 Antibody (Center)

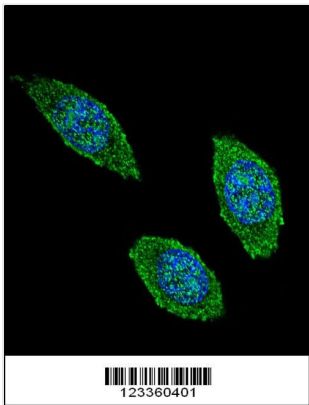
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA289509	Rabbit	Human	Immunofluorescence, Flow Cytometry, Functional Assay, Immunohistochemistry, ELISA, Western Blot

PRODUCT SYNONYMS

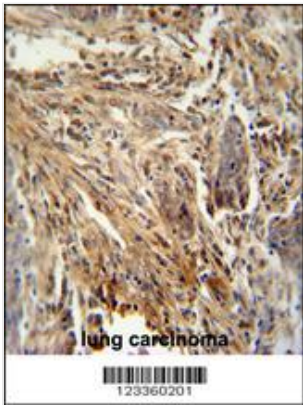
CSF2; Polyclonal Antibody; CSF2 Antibody (Center); Granulocyte-macrophage colony-stimulating factor; GM-CSF; Colony-stimulating factor; CSF; Molgramostin; Sargramostin; GMCSF; anti-CSF2 antibody

PRODUCT SPECIFICATIONS

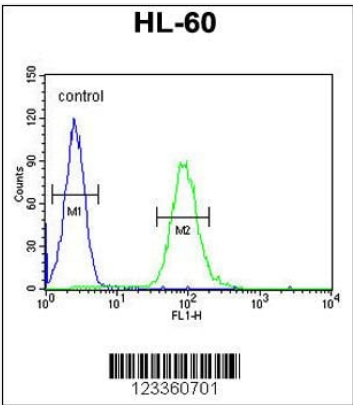
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This CSF2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 59-85 amino acids from the Central region of human CSF2.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	59-85
Sequence Length	144
Applicable Applications for anti-CSF2 antibody	IF (Immunofluorescence), FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), ELISA, WB (Western Blot)
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.



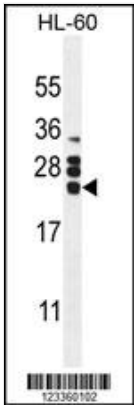
IF (Immunofluorescence)
Confocal immunofluorescent analysis of CSF2 Antibody (Center) with 293 cell followed by Alexa Fluor 488-conjugated goat anti-rabbit IgG (green). DAPI was used to stain the cell nuclear (blue).



IHC (Immunohiostchemistry)
CSF2 antibody (Center) immunohistochemistry analysis in formalin fixed and paraffin embedded human lung carcinoma followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the CSF2 antibody (Center) for immunohistochemistry. Clinical relevance has not been evaluated.



FCM/FACS (Flow Cytometry)
CSF2 Antibody (Center) flow cytometric analysis of HL-60 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)
CSF2 Antibody (Center) western blot analysis in HL60 cell line lysates (35ug/lane).This demonstrates the CSF2 antibody detected the CSF2 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-CSF2 antibody	CSF2 is a cytokine that controls the production, differentiation, and function of granulocytes and macrophages. The active form of the protein is found extracellularly as a homodimer. This gene has been localized to a cluster of related genes at chromosome region 5q31, which is known to be associated with interstitial deletions in the 5q-syndrome and acute myelogenous leukemia. Other genes in the cluster include those encoding interleukins 4, 5, and 13. [provided by RefSeq].
Product Categories/Family for anti-CSF2 antibody	Immunology; Signal Transduction
References	Romero, R., et al. Am. J. Obstet. Gynecol. 203 (4), 361 (2010) : Bailey, S.D., et al. Diabetes Care 33(10):2250-2253(2010) Beckers, M.M., et al. Eur. J. Intern. Med. 21(4):289-292(2010) Wang, Y., et al. Diabet. Med. 27(4):376-383(2010) Katano, M., et al. Arthritis Res. Ther. 11 (1), R3 (2009) :

NCBI AND UNIPROT INFORMATION

NCBI GI #	27437030
NCBI GeneID	1437
NCBI Accession #	NP_000749.2
NCBI GenBank Nucleotide #	NM_000758.3
UniProt Accession #	P04141; Q14CE8; Q2VPI8; Q8NFI6
Molecular Weight	16295
NCBI Official Full Name	granulocyte-macrophage colony-stimulating factor
NCBI Official Synonym Full Names	colony stimulating factor 2 (granulocyte-macrophage)
NCBI Official Symbol	CSF2
NCBI Official Synonym Symbols	GMCSF
NCBI Protein Information	granulocyte-macrophage colony-stimulating factor
UniProt Protein Name	Granulocyte-macrophage colony-stimulating factor
UniProt Gene Name	CSF2
UniProt Synonym Gene Names	GMCSF; GM-CSF; CSF
UniProt Entry Name	CSF2_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://www.aaabiotech.com/polyclonal/csf2-antibody-immunofluorescence-flow-cytometry-immunohistochemistry-western-blot-elisa/289509>