

Rabbit CSF2RA Polyclonal Antibody | anti-CSF2RA antibody

CSF2RA Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA326933	Rabbit	Human, Mouse, Rat	ELISA, Immunocytochemistry, Immunofluorescence, Western Blot

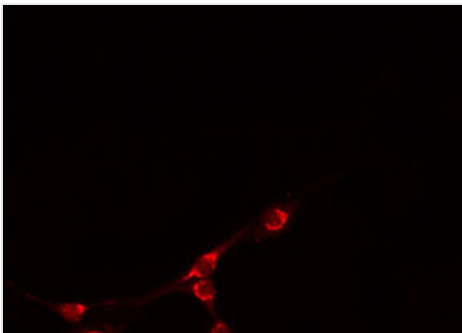
PRODUCT SYNONYMS

CSF2RA; Polyclonal Antibody; CSF2RA Antibody; CD_antigen=CD116; CD116; CD116 antigen; CDw116; Colony stimulating factor 2 receptor alpha chain; Colony stimulating factor 2 receptor alpha low affinity; Colony stimulating factor 2 receptor alpha subunit; CSF 2R; CSF2R; CSF2R_HUMAN; CSF2RAX; CSF2RAY; CSF2RX; CSF2RY; GM CSF R alpha; GM CSF receptor alpha subunit; GM-CSF-R-alpha; GMCSFR; GMCSFR-alpha; GMR-alpha; Granulocyte macrophage colony stimulating factor receptor alpha chain; Granulocyte-macrophage colony-stimulating factor receptor subunit alpha; SMDP4; anti-CSF2RA antibody

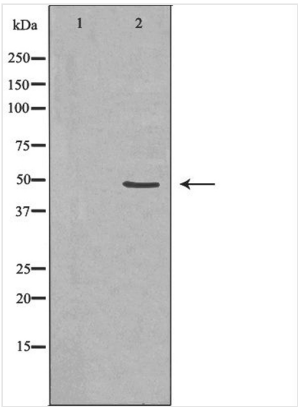
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	CSF2RA antibody detects endogenous levels of total CSF2RA
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	400
Applicable Applications for anti-CSF2RA antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthesized peptide derived from human CSF2RA
Subcellular Location	Plasma Membrane; Extracellular Region or Secreted
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IF (Immunofluorescence)
AAA326933 staining COLO205 by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) Ab, diluted at 1/600, was used as the secondary antibody.



WB (Western Blot)
Western blot analysis of extracts of Jurkat, using CSF2RA antibody. The lane on the left is treated with the antigen-specific peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-CSF2RA antibody	Description: The protein encoded by this gene is the alpha subunit of the heterodimeric receptor for colony stimulating factor 2, a cytokine which controls the production, differentiation, and function of granulocytes and macrophages. The encoded protein is a member of the cytokine family of receptors. This gene is found in the pseudoautosomal region (PAR) of the X and Y chromosomes. Multiple transcript variants encoding different isoforms have been found for this gene, with some of the isoforms being membrane-bound and others being soluble. Function: Low affinity receptor for granulocyte-macrophage colony-stimulating factor. Transduces a signal that results in the proliferation, differentiation, and functional activation of hematopoietic cells. Subunit Structure: Heterodimer of an alpha and a beta subunit. The beta subunit is common to the IL3, IL5 and GM-CSF receptors. The signaling GM-CSF receptor complex is a dodecamer of two head-to-head hexamers of two alpha, two beta, and two ligand subunits. Similarity: The WSXWS motif appears to be necessary for proper protein folding and thereby efficient intracellular transport and cell-surface receptor binding. The box 1 motif is required for JAK interaction and/or activation. Belongs to the type I cytokine receptor family. Type 5 subfamily.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	238908515
NCBI GeneID	1438
NCBI Accession #	NP_001155001.1
NCBI GenBank Nucleotide #	NM_001161529.1
UniProt Accession #	P15509; O00207; Q14429; Q14430; Q14431; Q16564; A7J003; A8KAM1; B4DW68; J3JS76; J3JS77
Molecular Weight	Observed: 46 kDa Predicted: 47 kDa
NCBI Official Full Name	granulocyte-macrophage colony-stimulating factor receptor subunit alpha isoform a
NCBI Official Synonym Full Names	colony stimulating factor 2 receptor alpha subunit
NCBI Official Symbol	CSF2RA
NCBI Official Synonym Symbols	GMR; CD116; CSF2R; SMDP4; CDw116; CSF2RX; CSF2RY; GMCSFR; CSF2RAX; CSF2RAY; alphaGMR; GM-CSF-R-alpha
NCBI Protein Information	granulocyte-macrophage colony-stimulating factor receptor subunit alpha
UniProt Protein Name	Granulocyte-macrophage colony-stimulating factor receptor subunit alpha

UniProt Gene Name	CSF2RA
UniProt Synonym Gene Names	CSF2R; CSF2RY; GM-CSF-R-alpha; GMCSFR-alpha; GMR-alpha

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/csf2ra-antibody-immunocytochemistry-immunofluorescence-western-blot-elisa/326933>