

Rabbit anti-Human CSF3R Polyclonal Antibody | anti-CSF3R antibody

CSF3R Antibody (Center)

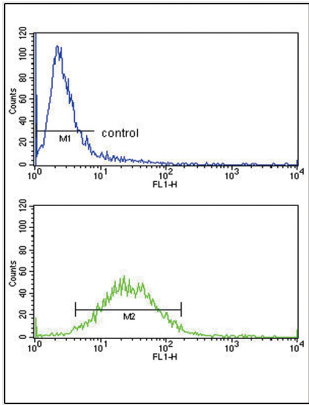
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA288914	Rabbit	Human	Flow Cytometry, Functional Assay, Immunohistochemistry, ELISA, Western Blot

PRODUCT SYNONYMS

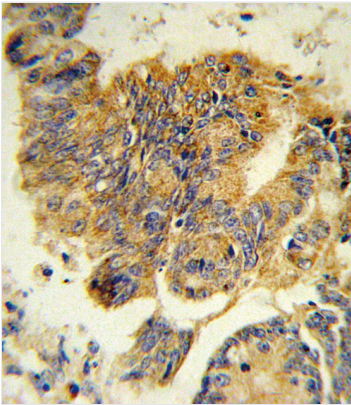
CSF3R; Polyclonal Antibody; CSF3R Antibody (Center); Granulocyte colony-stimulating factor receptor; G-CSF receptor; G-CSF-R; CD114; GCSFR; anti-CSF3R antibody

PRODUCT SPECIFICATIONS

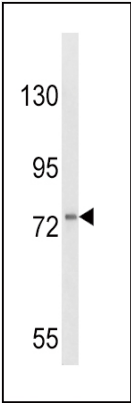
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This CSF3R antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 252-280 amino acids from the Central region of human CSF3R.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal 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	252-280
Sequence Length	783
Applicable Applications for anti-CSF3R antibody	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.



FCM/FACS (Flow Cytometry)
CSF3R Antibody (Center) FC analysis of ZR-75-1 cells (bottom histogram) compared to a negative control cell (top histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



IHC (Immunohistochemistry)
Formalin-fixed and paraffin-embedded human colon carcinoma reacted with CSF3R Antibody (Center), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.



WB (Western Blot)
Western blot analysis of CSF3R Antibody (Center) in HL-60 cell line lysates (35ug/lane). CSF3R (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-CSF3R antibody	CSF3R is the receptor for colony stimulating factor 3, a cytokine that controls the production, differentiation, and function of granulocytes. The encoded protein, which is a member of the family of cytokine receptors, may also function in some cell surface adhesion or recognition processes. Four transcript variants encoding four different isoforms have been found for this gene, with three of the isoforms being membrane-bound and the other being secreted and soluble.
Product Categories/Family for anti-CSF3R antibody	Cancer; Immunology; Signal Transduction
References	Yerges,L.M., et.al., J. Bone Miner. Res. 24 (12), 2039-2049 (2009) Germeshausen,M., et.al., Blood 114 (16), 3504-3505 (2009)

NCBI AND UNIPROT INFORMATION

NCBI GI #	4503081
NCBI GeneID	1441
NCBI Accession #	NP_000751.1; NP_724781.1; NP_758519.1
NCBI GenBank Nucleotide #	NM_000760.3
UniProt Accession #	Q99062

Molecular Weight	92156
NCBI Official Full Name	granulocyte colony-stimulating factor receptor isoform a
NCBI Official Synonym Full Names	colony stimulating factor 3 receptor (granulocyte)
NCBI Official Symbol	CSF3R
NCBI Official Synonym Symbols	CD114; GCSFR
NCBI Protein Information	granulocyte colony-stimulating factor receptor
UniProt Protein Name	Granulocyte colony-stimulating factor receptor
UniProt Gene Name	CSF3R
UniProt Synonym Gene Names	GCSFR; G-CSF receptor; G-CSF-R
UniProt Entry Name	CSF3R_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/csf3r-antibody-flow-cytometry-immunohistochemistry-western-blot-elisa/288914>