

Rabbit Granulocyte-Colony Stimulating Factor (G-CSF) Antibody | anti-G-CSF antibody

Granulocyte-Colony Stimulating Factor (G-CSF)

CATALOG # AAA214906	HOST Rabbit	REACTIVITY Human, Macaque Monkey	APPLICATIONS Immunohistochemistry
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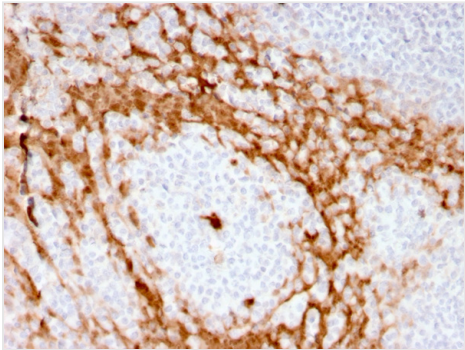
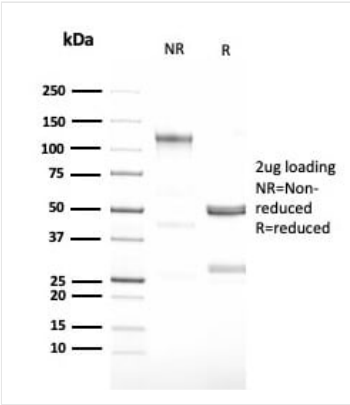
PRODUCT SYNONYMS

Granulocyte-Colony Stimulating Factor (G-CSF); Pluripoietin; Filgrastim; Lenograstim; CSF3OS; G-CSF; chromosome 17 open reading frame 33 (C17orf33); colony stimulating factor 3 (granulocyte); anti-G-CSF antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Macaque Monkey
Isotype	IgG
Clone Number	CSF3/3166R
Specificity	This MAb recognizes granulocyte-colony stimulating factor (G-CSF) in the cytoplasm of mature granulocytes. It shows no reactivity with any other cell types. Markers of myeloid cells are useful in the identification of different levels of cellular differentiation. It reacts with early precursor and mature forms of myeloid cells. It is useful for the detection of myeloid leukemias and granulocytic sarcomas. It can be used as a marker of granulocytes in normal tissues or inflammatory processes. G-CSF is a pleiotropic cytokine that influences differentiation, proliferation and activation of the neutrophilic granulocyte lineage. The human G-CSF cDNA encodes a 207 amino acid precursor containing a 29 amino acid signal peptide that is proteolytically cleaved to form a 178 amino acid residue mature protein. Two G-CSF s, which are identical except for a three amino acid deletion in the amino-terminus of one form of the protein have been isolated from human cells. Murine and human G-CSF s share 73% sequence identity at the amino acid level.
Purity/Purification	Purified Ab with BSA and Azide at 200ug/ml OR Purified Ab WITHOUT BSA and Azide at 1.0mg/ml
Form/Format	200ug/ml of Ab Purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.
Sequence Length	168
Applicable Applications for anti-G-CSF antibody	IHC (Immunohistochemistry)
Positive Control	Tonsil or lymph node (IHC).
Immunogen	Recombinant full-length human CSF3 protein
Cellular Localization	Cytoplasmic
Hu-chromosome Location	17q21.1
Antibody Type	Recombinant Rabbit Monoclonal Antibody
Preparation and Storage	Antibody with azide: store at 2 to 8 degree C. Antibody without azide: store at -20 to -80 degree C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.

IMAGES



IHC (Immunohistochemistry)
Formalin-fixed, paraffin-embedded human Tonsil stained with G-CSF Recombinant Rabbit Monoclonal Antibody (CSF3/3166R).

SDS-PAGE
SDS-PAGE Analysis Purified G-CSF Recombinant Rabbit Monoclonal Antibody (CSF3/3166R). Confirmation of Purity and Integrity of Antibody.

ADDITIONAL INFORMATION

References	Nagata, S., et al. 1986. Nature 319: 415-418.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	296011057
NCBI GeneID	1440
NCBI Accession #	NP_001171618.1
NCBI GenBank Nucleotide #	NP_001171618.1
UniProt Accession #	P09919
Molecular Weight	19kDa
NCBI Official Full Name	granulocyte colony-stimulating factor isoform d
NCBI Official Synonym Full Names	colony stimulating factor 3
NCBI Official Symbol	CSF3
NCBI Official Synonym Symbols	GCSF; CSF3OS; C17orf33
NCBI Protein Information	granulocyte colony-stimulating factor
UniProt Protein Name	Granulocyte colony-stimulating factor
UniProt Gene Name	CSF3
UniProt Synonym Gene Names	C17orf33; GCSF; G-CSF
UniProt Entry Name	CSF3_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.