

Rabbit G-CSF Monoclonal Antibody | anti-G-CSF antibody

Anti-G-CSF Rabbit Monoclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA47106	Rabbit	Human, Mouse, Rat	Western Blot, Immunocytochemistry, Immunofluorescence, Immunoprecipitation

PRODUCT SYNONYMS

G-CSF; Monoclonal Antibody; Anti-G-CSF Rabbit Monoclonal Antibody; Granulocyte colony-stimulating factor; Pluripoietin; Filgrastim; Lenograstim; CSF3; C17orf33; GCSF; anti-G-CSF antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Monoclonal
Purity/Purification	Affinity-chromatography
Form/Format	Liquid
Sequence Length	171
Applicable Applications for anti-G-CSF antibody	WB (Western Blot), ICC (Immunocytochemistry), IF (Immunofluorescence), IP (Immunoprecipitation)
Immunogen	A synthesized peptide derived from human G-CSF
Subcellular Localization	Secreted.
Contents	Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Preparation and Storage	Store at -20 degree C for one year. After reconstitution, at 4 degree C for one month. It can also be aliquotted and stored frozen at -20 degree C for a longer time. Avoid repeated freezing and thawing.

IMAGES



WB (Western Blot)

Western blot analysis of G-CSF expression in K562 cell lysate (AAA47106). Electrophoresis was performed on a 5-20% SDS-PAGE gel at 70V (Stacking gel) / 90V (Resolving gel) for 2-3 hours. The sample well of each lane was loaded with 50ug of sample under reducing conditions. After Electrophoresis, proteins were transferred to a Nitrocellulose membrane at 150mA for 50-90 minutes. Blocked the membrane with 5% Non-fat Milk/ TBS for 1.5 hour at RT. The membrane was incubated with rabbit anti-CSF3 monoclonal antibody overnight at 4 degree C, then washed with TBS-0.1%Tween 3 times with 5 minutes each and probed with a goat anti-rabbit IgG-HRP secondary antibody at a dilution of 1:10000 for 1.5 hour at RT. The signal is developed using an Enhanced Chemiluminescent detection (ECL) kit with Tanon 5200 system. A specific band was detected for CSF3

ADDITIONAL INFORMATION

Related Product Information for anti-G-CSF antibody	Granulocyte/macrophage colony-stimulating factors are cytokines that act in hematopoiesis by controlling the production, differentiation, and function of 2 related white cell populations of the blood, the granulocytes and the monocytes-macrophages. This CSF induces granulocytes.
Product Categories/Family for anti-G-CSF antibody	Immunology; Innate Immunity; Cytokines; csfs; Cancer; Invasion/Microenvironment; Angiogenesis; Angiogenic Growth Factors; Kits/Lysates/Other; ELISA Kits; oncoprotein ELISA Kits; cytokines and cytokine Receptors ELISA Kits

NCBI AND UNIPROT INFORMATION

NCBI GI #	4503079
NCBI GeneID	1440
NCBI Accession #	NP_000750.1
NCBI GenBank Nucleotide #	NM_000759.3
UniProt Accession #	P09919; A8MXR7
Molecular Weight	22293 MW
NCBI Official Full Name	granulocyte colony-stimulating factor isoform a
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

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.