

Anti-G-CSF Picoband Antibody
Catalog # ABO12250**Specification**

Anti-G-CSF Picoband Antibody - Product Information

Application	WB
Primary Accession	P09919
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Format	Lyophilized

Description

Rabbit IgG polyclonal antibody for Granulocyte colony-stimulating factor(CSF3) detection. Tested with WB, ELISA in Human.

Reconstitution

Add 0.2ml of distilled water will yield a concentration of 500ug/ml.

Anti-G-CSF Picoband Antibody - Additional Information

Gene ID 1440

Other Names

Granulocyte colony-stimulating factor, G-CSF, Pluripoietin, Filgrastim, Lenograstim, CSF3, C17orf33, GCSF

Calculated MW

22293 MW KDa

Application Details

ELISA , 0.1-0.5 µg/ml, Human, -
Western blot, 0.1-0.5 µg/ml, Human

Subcellular Localization

Secreted.

Protein Name

Granulocyte colony-stimulating factor

Contents

Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na₂HPO₄, 0.05mg Na₃.

Immunogen

E. coli-derived human G-CSF recombinant protein (Position: S38-P207). Human G-CSF shares 76% amino acid (aa) sequence identity with mouse G-CSF.

Purification

Immunogen affinity purified.

Cross Reactivity

No cross reactivity with other proteins

Storage

At -20°C for one year. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for a longer time. Avoid repeated freezing and thawing.

Sequence Similarities

Belongs to the IL-6 superfamily.

Anti-G-CSF Picoband Antibody - Protein Information

Name CSF3

Synonyms C17orf33, GCSF

Function

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.

Cellular Location

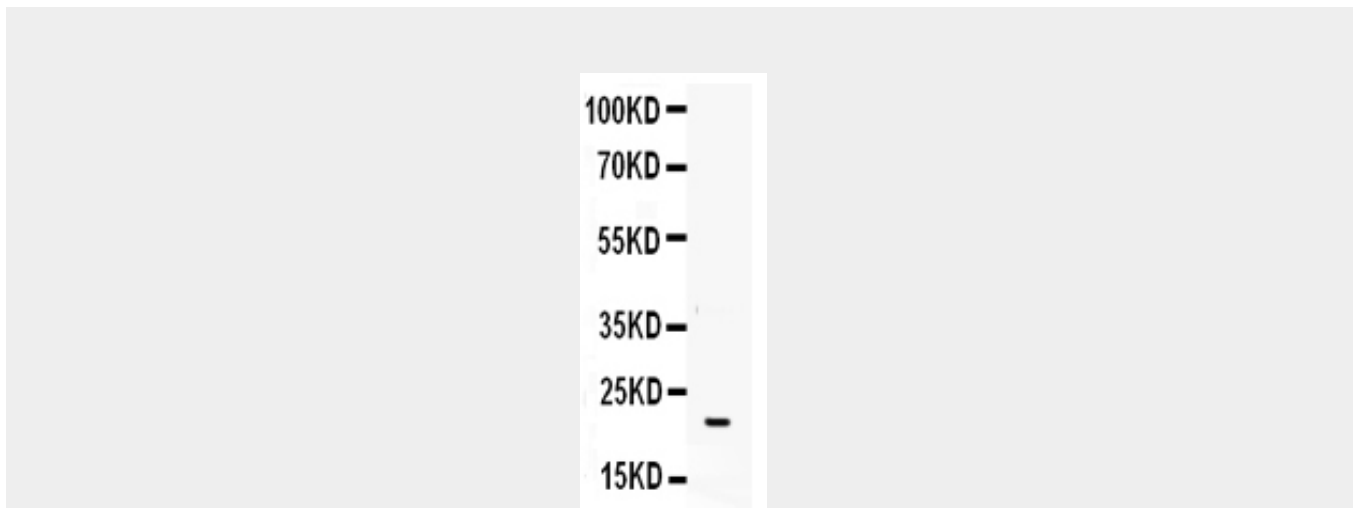
Secreted.

Anti-G-CSF Picoband Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Anti-G-CSF Picoband Antibody - Images



Anti-G-CSF Picoband antibody, ABO12250, Western blotting All lanes: Anti G-CSF (ABO12250) at 0.5ug/ml WB: K562 Whole Cell Lysate at 40ug Predicted bind size: 22KD Observed bind size: 22KD

Anti-G-CSF Picoband Antibody - Background

Granulocyte-colony stimulating factor (G-CSF or G-CSF), also known as colony-stimulating factor 3 (CSF 3), is a glycoprotein that stimulates the bone marrow to produce granulocytes and stem cells and release them into the bloodstream. Functionally, it is a cytokine and hormone, a type of colony-stimulating factor, and is produced by a number of different tissues. The pharmaceutical analogs of naturally occurring G-CSF are called filgrastim and lenograstim. G-CSF also stimulates the survival, proliferation, differentiation, and function of neutrophil precursors and mature neutrophils.