

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

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**Anti-G-CSF Picoband Antibody - Product Information**

Application	WB, E
Primary Accession	<a href="#">P09919</a>
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, -<br>Western blot, 0.1-0.5 µg/ml, Human<br>

**Subcellular Localization**

Secreted.

**Protein Name**

Granulocyte colony-stimulating factor

**Contents**

Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na<sub>2</sub>HPO<sub>4</sub>, 0.05mg NaN<sub>3</sub>.

**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

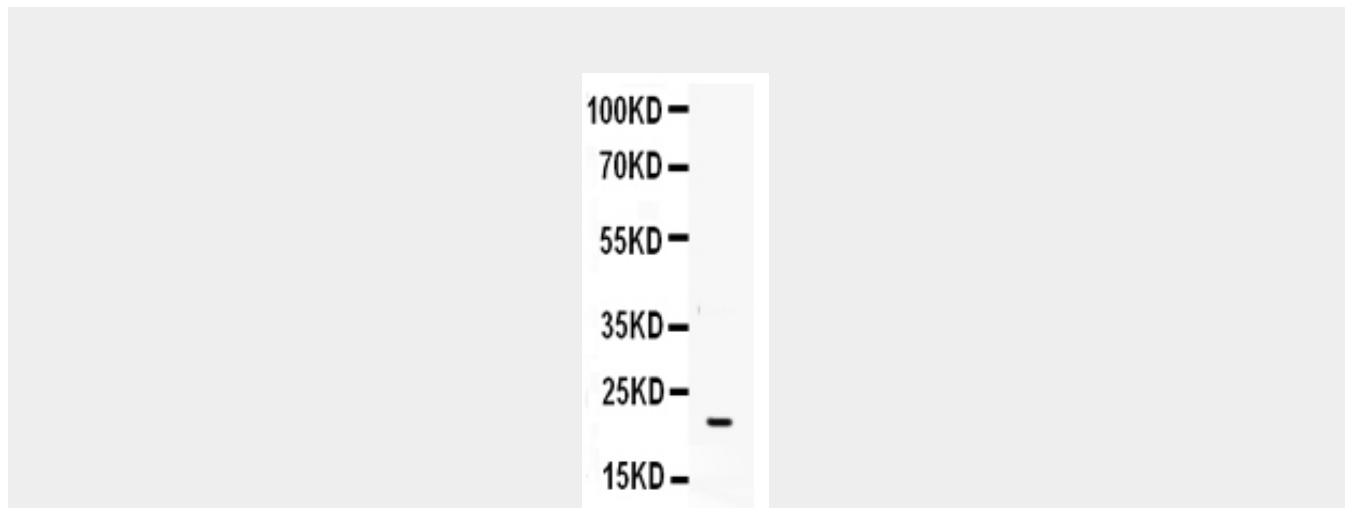
Secreted.

### 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 blottingAll lanes: Anti G-CSF (ABO12250) at 0.5ug/mlWB: K562 Whole Cell Lysate at 40ugPredicted bind size: 22KDObserved bind size: 22KD

#### **Anti-G-CSF Picoband Antibody - Background**

Granulocyte-colony stimulating factor (G-CSF or GCSF), 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.