

**Anti-G-CSF Picoband Antibody**  
**Catalog # ABO12263****Specification**

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

Application	WB, E
Primary Accession	<a href="#">P09920</a>
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Format	Lyophilized

**Description**

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

**Reconstitution**

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

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

**Gene ID** 12985

**Other Names**

Granulocyte colony-stimulating factor, G-CSF, Csf3, Csf3g

**Calculated MW**

22421 MW KDa

**Application Details**

Western blot, 0.1-0.5 µg/ml, Human, Mouse<br>ELISA , 0.1-0.5 µg/ml, Mouse<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 mouse G-CSF recombinant protein (Position: R47-A208). Mouse G-CSF shares 77.2% amino acid (aa) sequence identity with human 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.

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

**Name** Csf3

**Synonyms** Csf3

**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.

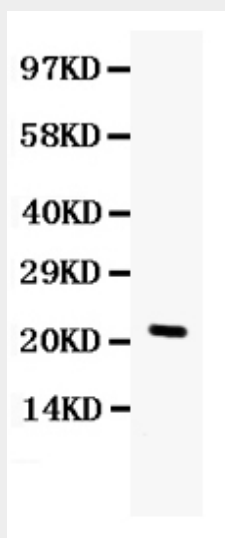
**Cellular Location**

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, ABO12263, Western blotting All lanes: Anti G-CSF (ABO12263) at

0.5ug/mlWB: HELA 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.