

## Anti-G-CSF/CSF3 Antibody Picoband® Fluoro488 Conjugated

Catalog Number: PB9563-Fluoro488

### About CSF3

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.

### Overview

Product Name	Anti-G-CSF/CSF3 Antibody Picoband® Fluoro488 Conjugated
Reactive Species	Human
Application	Flow Cytometry
Clonality	Polyclonal
Formulation	Each vial contains 50% glycerol, 0.9% NaCl, 0.2% Na <sub>2</sub> HPO <sub>4</sub> , 0.02% NaN <sub>3</sub> .
Storage Instructions	At -20°C for one year from date of receipt. Avoid repeated freezing and thawing. Protect from light.
Host	Rabbit
Uniprot ID	P09919

### Technical Details

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.
Cross Reactivity	No cross-reactivity with other proteins
Isotype	Rabbit IgG
Form	Liquid
Concentration	0.5 mg/mL
Purification	Immunogen affinity purified.
Conjugate	Fluoro488 Excitation Wavelength: 488 nm Emission Wavelength: 515-545 nm
Suggested Dilutions	Flow Cytometry, Optimal dilutions should be determined by end users.

## 2 Publications Citing This Product

---

1. PubMed ID: 25667662, Zhang L, Wang H, Wang T, Jiang N, Yu P, Chong Y, Fu F. Exp Ther Med. 2015 Mar;9(3):972-976. Epub 2014 Dec 24. Ferulic Acid Ameliorates Nerve Injury Induced By Cerebral Ischemia In Rats.

2. PubMed ID: 31768951, Association of High Serum Levels of Growth Factors with Good Outcome in Ischemic Stroke: a Multicenter Study

Visit [bosterbio.com/anti-g-csf-picoband-trade-antibody-pb9563-boster.html](http://bosterbio.com/anti-g-csf-picoband-trade-antibody-pb9563-boster.html) to see all 2 publications.

## Submit a product review to Biocompare.com

---

Submit a review of this product to Biocompare.com to receive a \$20 Amazon.com giftcard! Your reviews help your fellow scientists make the right decisions. Thank you for your contribution.



Anti-G-CSF/CSF3 Antibody - Fluoro488

For Research Use Only. Not for use in diagnostic procedures.