

Anti-G-CSF/CSF3 Antibody Picoband® Fluoro647 Conjugated

Catalog Number: PB9563-Fluoro647

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® Fluoro647 Conjugated
Reactive Species	Human
Application	Flow Cytometry
Clonality	Polyclonal
Formulation	Each vial contains 50% glycerol, 0.9% NaCl, 0.2% Na ₂ HPO ₄ , 0.02% NaN ₃ .
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	Fluoro647 Excitation Wavelength: 650 nm Emission Wavelength: 665 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

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