

For Research Use Only

# Anti-Mouse G-CSFR Rabbit Recombinant Antibody, PBS Only

Catalog Number: 98503-2-PBS



## Basic Information

|                                            |                                                                         |                                                       |
|--------------------------------------------|-------------------------------------------------------------------------|-------------------------------------------------------|
| <b>Catalog Number:</b><br>98503-2-PBS      | <b>GenBank Accession Number:</b><br>NM_007782.3                         | <b>Purification Method:</b><br>Protein A purification |
| <b>Concentration:</b><br>1mg, 3 mg/ml      | <b>GeneID (NCBI):</b><br>12986                                          | <b>CloneNo.:</b><br>250343C6                          |
| <b>Source:</b><br>Rabbit                   | <b>UNIPROT ID:</b><br>P40223                                            |                                                       |
| <b>Isotype:</b><br>IgG                     | <b>Full Name:</b><br>colony stimulating factor 3 receptor (granulocyte) |                                                       |
| <b>Immunogen Catalog Number:</b><br>EG2702 | <b>Calculated MW:</b><br>93 kDa                                         |                                                       |

## Applications

**Tested Applications:**  
FC

**Species Specificity:**  
mouse

## Background Information

G-CSF-R, also named as CSF3R, CD114 and GCSFR is the receptor for colony stimulating factor 3, a cytokine that controls the production, differentiation, and function of granulocytes. It is a 130 kD to 150 kD glycoprotein single chain receptor which binds and activated by GCSF. In addition it may function in some adhesion or recognition events at the cell surface. It has been classified as a member of the hematopoietic (cytokine) receptor family, cytokine receptor class I, or the gp 130 related cytokine receptor family (although it does not apparently bind to gp 130). GCSF receptors can be found on neutrophils, myeloid leukemia cells that respond to GCSF, bone marrow cells of neutrophilic granulocyte lineage, and on placental trophoblasts. In addition, a soluble form is also expressed. Mutations in this gene are a cause of Kostmann syndrome, also known as severe congenital neutropenia.

## Storage

**Storage:**  
Store at -80°C.  
**The product is shipped with ice packs. Upon receipt, store it immediately at -80°C**

**Storage Buffer:**  
PBS only, pH7.3

For technical support and original validation data for this product please contact:

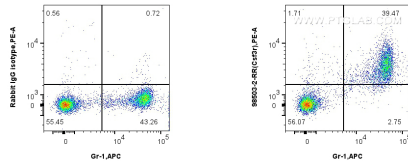
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

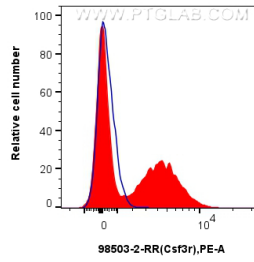
W: [ptgcn.com](http://ptgcn.com)

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## Selected Validation Data



1x10<sup>6</sup> mouse bone marrow cells were surface stained with 0.25 ug Anti-Mouse G-CSFR Rabbit RecAb (98503-2-RR, Clone: 250343C6) or 0.25 ug Rabbit IgG Isotype Control RecAb (98136-1-RR, Clone: 240953C9), and PE-conjugated Goat Anti-Rabbit IgG. Cells were then stained with APC Anti-Mouse Ly-6G/Ly-6C (Gr-1). Cells were not fixed. This data was developed using the same antibody clone with 98503-2-PBS in a different storage buffer formulation.



1x10<sup>6</sup> mouse bone marrow cells were surface stained with 0.25 ug Anti-Mouse G-CSFR Rabbit RecAb (98503-2-RR, Clone: 250343C6) (red) or 0.25 ug Rabbit IgG Isotype Control RecAb (98136-1-RR, Clone: 240953C9) (blue), and PE-conjugated Goat Anti-Rabbit IgG. Cells were not fixed. This data was developed using the same antibody clone with 98503-2-PBS in a different storage buffer formulation.