

**CSF3R Antibody (Center) Blocking Peptide**  
**Synthetic peptide**  
**Catalog # BP9075c****Specification****CSF3R Antibody (Center) Blocking Peptide -  
Product Information**Primary Accession [Q99062](#)**CSF3R Antibody (Center) Blocking Peptide -  
Additional Information****Gene ID** 1441**Other Names**Granulocyte colony-stimulating factor  
receptor, G-CSF receptor, G-CSF-R, CD114,  
CSF3R, GCSFR**Target/Specificity**

The synthetic peptide sequence used to  
generate the antibody <a  
href=/products/AP9075c>AP9075c</a>  
was selected from the Center region of  
human CSF3R. A 10 to 100 fold molar  
excess to antibody is recommended.  
Precise conditions should be optimized for a  
particular assay.

**Format**

Peptides are lyophilized in a solid powder  
format. Peptides can be reconstituted in  
solution using the appropriate buffer as  
needed.

**Storage**

Maintain refrigerated at 2-8°C for up to 6  
months. For long term storage store at  
-20°C.

**Precautions**

This product is for research use only. Not  
for use in diagnostic or therapeutic  
procedures.

**CSF3R Antibody (Center) Blocking Peptide -  
Protein Information****Name** CSF3R**CSF3R Antibody (Center) Blocking Peptide  
- Background**

CSF3R is the receptor for colony stimulating  
factor 3, a cytokine that controls the  
production, differentiation, and function of  
granulocytes. The encoded protein, which is a  
member of the family of cytokine receptors,  
may also function in some cell surface  
adhesion or recognition processes. Four  
transcript variants encoding four different  
isoforms have been found for this gene, with  
three of the isoforms being membrane-bound  
and the other being secreted and soluble.

**CSF3R Antibody (Center) Blocking Peptide  
- References**

Yerges,L.M., et.al., J. Bone Miner. Res. 24 (12),  
2039-2049 (2009)Germeshausen,M., et.al.,  
Blood 114 (16), 3504-3505 (2009)

**Synonyms** GCSFR**Function**

Receptor for granulocyte colony-stimulating factor (CSF3), essential for granulocytic maturation. Plays a crucial role in the proliferation, differentiation and survival of cells along the neutrophilic lineage. In addition it may function in some adhesion or recognition events at the cell surface.

**Cellular Location**

[Isoform 2]: Secreted.

**Tissue Location**

One or several isoforms have been found in myelogenous leukemia cell line KG-1, leukemia U-937 cell line, in bone marrow cells, placenta, and peripheral blood granulocytes. Isoform GCSFR-2 is found only in leukemia U-937 cells. Isoform GCSFR-3 is highly expressed in placenta

**CSF3R Antibody (Center) Blocking Peptide  
- Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Blocking Peptides](#)