

**Goat Anti-G-CSF receptor / CSF3R Antibody (internal region)**  
**Purified Goat Polyclonal Antibody**  
**Catalog # AF4245a**

**Specification**

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**Goat Anti-G-CSF receptor / CSF3R Antibody (internal region) - Product Information**

Application	WB
Primary Accession	<a href="#">O99062</a>
Other Accession	<a href="#">NP_000751.1</a> , <a href="#">NP_724781.1</a> , <a href="#">NP_758519.1</a>
Reactivity	Human
Predicted	Human
Host	Goat
Clonality	Polyclonal
Concentration	0.5
Calculated MW	92156

**Goat Anti-G-CSF receptor / CSF3R Antibody (internal region) - Additional Information**

**Gene ID** 1441

**Other Names**

CSF3R; colony stimulating factor 3 receptor (granulocyte); CD114; GCSFR; CD114 antigen; G-CSF receptor; G-CSF-R; OTTHUMP00000009703; OTTHUMP00000009704; OTTHUMP00000009705; granulocyte colony-stimulating factor receptor

**Format**

Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.

**Immunogen**

Peptide with sequence C-PPELGKSPLTHYT, from the internal region of the protein sequence according to [NP\\_000751.1](#); [NP\\_724781.1](#); [NP\\_758519.1](#).

**Storage**

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

**Precautions**

Goat Anti-G-CSF receptor / CSF3R Antibody (internal region) is for research use only and not for use in diagnostic or therapeutic procedures.

**Goat Anti-G-CSF receptor / CSF3R Antibody (internal region) - Protein Information**

**Name** CSF3R

**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

**Goat Anti-G-CSF receptor / CSF3R Antibody (internal region) - 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](#)

**Goat Anti-G-CSF receptor / CSF3R Antibody (internal region) - Images**

AF4245a (1 µg/ml) staining of Peripheral Blood Lymphocytes lysate (35 µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

**Goat Anti-G-CSF receptor / CSF3R Antibody (internal region) - References**

The deubiquitinating enzyme DUB2A enhances CSF3 signalling by attenuating lysosomal routing of the CSF3 receptor. Meenhuis A, Verwijmeren C, Roovers O, Touw IP. Biochem J. 2011 Mar 1;434(2):343-51.