

G-CSF receptor Antibody (internal region)
Peptide-affinity purified goat antibody
Catalog # AF3840a

Specification

G-CSF receptor Antibody (internal region) - Product Information

Application	E
Primary Accession	O99062
Other Accession	NP_000751.1 , NP_724781.1 , NP_758519.1 , 1441
Predicted	Human
Host	Goat
Clonality	Polyclonal
Concentration	0.5 mg/ml
Isotype	IgG
Calculated MW	92156

G-CSF receptor Antibody (internal region) - Additional Information

Gene ID 1441

Other Names

Granulocyte colony-stimulating factor receptor, G-CSF receptor, G-CSF-R, CD114, CSF3R, GCSFR

Format

0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin

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

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

G-CSF receptor 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

G-CSF receptor 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](#)

G-CSF receptor Antibody (internal region) - Images**G-CSF receptor Antibody (internal region) - Background**

This antibody is expected to recognize all reported isoforms (NP_000751.1; NP_724781.1; NP_758519.1).

G-CSF receptor 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. PMID: 21155715