

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

Purified Goat Polyclonal Antibody Catalog # AF4245a

Specification

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

Application WB, E
Primary Accession Q99062

Other Accession NP 000751.1, NP 724781.1, NP 758519.1

Reactivity
Predicted
Host
Clonality
Human
Folyclonal

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; OTTHUMP0000009703; OTTHUMP0000009704; OTTHUMP00000009705; granulocyte colony-stimulating factor receptor

Dilution

WB~~1:1000 E~~N/A

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

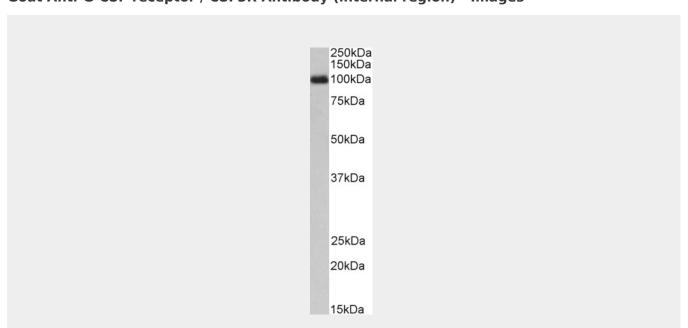
One or several isoforms have been found in myelogenous leukemia cell line KG-1, leukemia U-937 cell line, in bone marrow cells, placenta, and peripheral blood granulocytes. Isoform GCSFR-2 is found only in leukemia U-937 cells. Isoform GCSFR-3 is highly expressed in placenta

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 Cytomety
- Cell Culture

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



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

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





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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.