



Rabbit Anti-GCSF Receptor antibody

SL2574R

Product Name:	GCSF Receptor
Chinese Name:	粒细胞-巨噬细胞集落刺激因子3受体抗体
Alias:	GCSF Receptor; CD 114; CD114; CD114 antigen; Colony stimulating factor 3 receptor (granulocyte); Colony stimulating factor 3 receptor; CSF 3R; CSF3R; CSF3R_HUMAN; Csfgr; G CSF R; G-CSF receptor; G-CSF-R; G-CSFR; GCSFR; Granulocyte colony stimulating factor receptor; Granulocyte colony stimulating factor receptor precursor; Granulocyte colony-stimulating factor receptor.
文献引用 PubMed :	<p>Specific References(2) SL2574R has been referenced in 2 publications.</p> <p>[IF=1.78]Tajima, Shogo, et al. "Case Report Granulocyte colony-stimulating factor-producing undifferentiated carcinoma of the colon mimicking a pulmonary giant cell carcinoma: a case showing overexpression of CD44 along with highly proliferating." Int J Clin Exp Pathol 7.10 (2014): 7034-7041.IHC-P;Human. PubMed:25400792</p> <p>[IF=1.69]Zhang, Enji, et al. "Expression of granulocyte colony-stimulating factor 3 receptor in the spinal dorsal horn following spinal nerve ligation-induced neuropathic pain." Molecular Medicine Reports (2017).WB, IHC-P;Rat, Human. PubMed:28656207</p>
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,
Applications:	WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	95kDa

Cellular localization:	The cell membraneSecretory protein
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human G-CSFR:101-200/863<Extracellular>
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
PubMed:	PubMed
Product Detail:	<p>The protein encoded by the GCSF Receptor gene 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, of which three are membrane-bound and the one secreted and soluble. Mutations in this gene are a cause of Kostmann syndrome, also known as severe congenital neutropenia.</p> <p>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.</p> <p>Subunit: Homodimer. The dimeric receptor binds two CSF3 molecules.</p> <p>Subcellular Location: Isoform 2: Secreted (Probable). Cell membrane; Single-pass type I membrane protein.</p> <p>Tissue Specificity: One or several isoforms have been found in myelogenous leukemia cell line KG-1, leukemia U937 cell line, in bone marrow cells, placenta, and peripheral blood granulocytes. Isoform GCSFR-2 is found only in leukemia U937 cells. Isoform GSCFR-3 is highly expressed in placenta.</p> <p>DISEASE: Defects in CSF3R are the cause of hereditary neutrophilia (NEUTROPHILIA) [MIM:162830]. A form of lifelong, persistent neutrophilia, a condition characterized by an increase in the number of neutrophils in the blood.</p> <p>Similarity: Belongs to the type I cytokine receptor family. Type 2 subfamily.</p>

Contains 5 fibronectin type-III domains.
Contains 1 Ig-like C2-type (immunoglobulin-like) domain.

SWISS:
Q99062

Gene ID:
1441

Database links:

[Entrez Gene: 1441](#)Human

[Entrez Gene: 12986](#)Mouse

[Oimim: 138971](#)Human

[SwissProt: Q99062](#)Human

[SwissProt: P40223](#)Mouse

[Unigene: 524517](#)Human

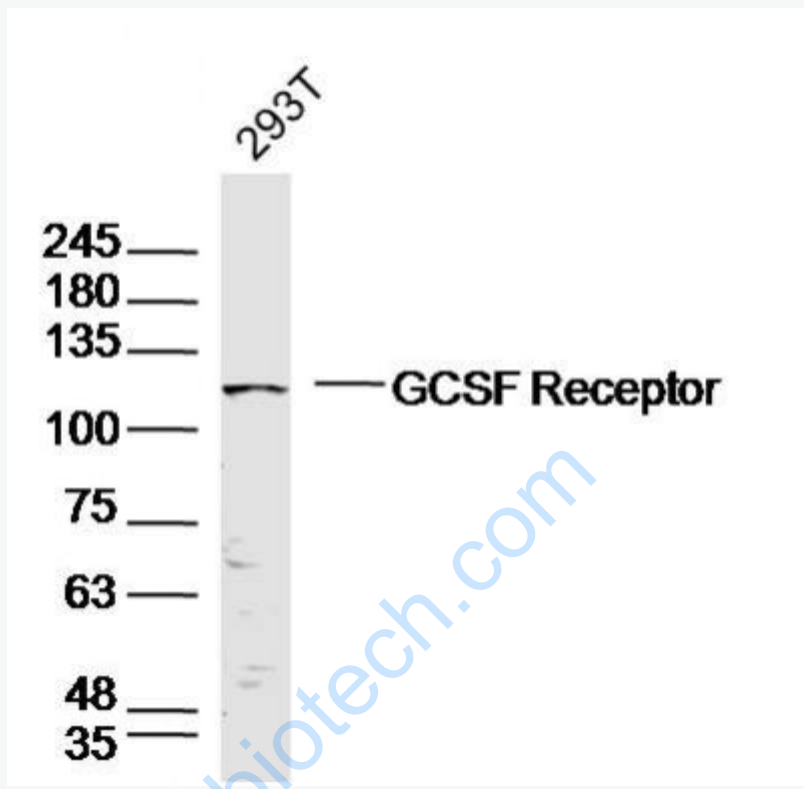
[Unigene: 271701](#)Mouse

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

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Picture:



Sample: 293T Cell (Human) Lysate at 30 ug

Primary: Anti- GCSF Receptor (SL2574R) at 1/300 dilution

Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution

Predicted band size: 95kD

Observed band size: 120kD