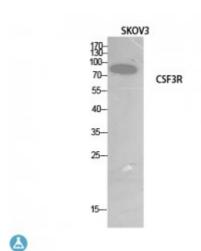


Anti-G-CSFR antibody



Description

Rabbit polyclonal to G-CSFR.

Model STJ96892

Host Rabbit

Reactivity Human

Applications ELISA, WB

Immunogen Synthesized peptide derived from human G-CSFR.

Immunogen Region 321-370 aa, Internal

Gene ID <u>1441</u>

Gene Symbol CSF3R

Dilution range WB 1:500-1:2000ELISA 1:20000

Specificity G-CSFR Polyclonal Antibody detects endogenous levels of G-CSFR protein.

Tissue Specificity 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.

Purification The antibody was affinity-purified from rabbit antiserum by affinity-

chromatography using epitope-specific immunogen.

Note For Research Use Only (RUO).

Protein Name Granulocyte colony-stimulating factor receptor G-CSF receptor G-CSF-R CD

antigen CD114

Clonality Polyclonal

Conjugation Unconjugated

Isotype IgG

Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Concentration 1 mg/ml

Storage Instruction Store at -20°C, and avoid repeat freeze-thaw cycles.

Database Links HGNC:2439OMIM:138971

Alternative Names Granulocyte colony-stimulating factor receptor G-CSF receptor G-CSF-R CD

antigen CD114

Function Receptor for granulocyte colony-stimulating factor (CSF3), essential for

granulocytic maturation. Plays a crucial role in the proliferation,

differientation and survival of cells along the neutrophilic lineage. In addition it may function in some adhesion or recognition events at the cell surface.

Sequence and Domain Family The WSXWS motif appears to be necessary for proper protein folding and

thereby efficient intracellular transport and cell-surface receptor binding. The

box 1 motif is required for JAK interaction and/or activation.

Cellular Localization Isoform 2: Secreted Cell membrane

Post-translational N-glycosylated.

Modifications

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