

International Office

Everest Biotech Ltd Vector Laboratories, Inc. 6737 Mowry Ave Newark, CA 94560 United States

Customer Service: <u>customerservice@vectorlabs.com</u> Technical Service: <u>technical@vectorlabs.com</u>

Tel: +1 (800) 227-6666

www.everestbiotech.com

Research Use Only. Not for diagnostic or therapeutic use.

EB11702 - Goat Anti-G-CSF receptor / CSF3R (aa551-563) Antibody





Target Protein

Principal Names: CD114, CD114 antigen, colony stimulating factor 3 receptor (granulocyte), CSF3R, G-CSF receptor, GCSFR, G-CSF-R, granulocyte colony-stimulating factor receptor, OTTHUMP0000009703, OTTHUMP0000009704, OTTHUMP0000009705 Official Symbol: CSF3R Accession Number(s): NP_000751.1; NP_724781.1; NP_758519.1 Human GeneID(s): 1441 Important Comments: This antibody is expected to recognize all reported isoforms (NP_000751.1; NP_724781.1; NP_758519.1).

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.

Please note the peptide is available for sale.

Purification and Storage

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

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

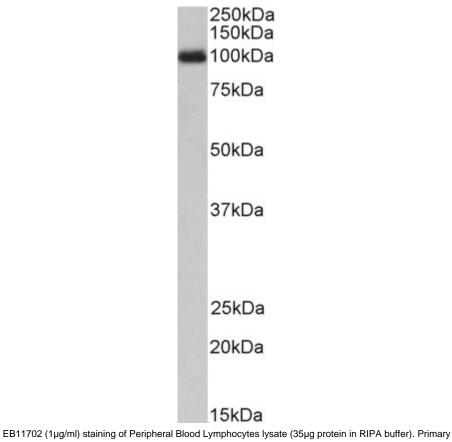
Aliquot and store at -20°C. Minimize freezing and thawing.

Applications Tested

Peptide ELISA: antibody detection limit dilution 1:128000. Western blot: Approx 100kDa band observed in Human Peripheral Blood Mononucleocytes lysates (calculated MW of 92.1kDa according to NP_000751.1). The observed molecular weight corresponds to the glycosylated form. Recommended concentration: 1-3µg/ml.

Species Reactivity

Tested: Human Expected from sequence similarity: Human, Cow



2 (1µg/ml) staining of Peripheral Blood Lymphocytes lysate (35µg protein in RIPA butter). Primar incubation was 1 hour. Detected by chemiluminescence.