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Datasheet for ABIN951155

anti-CSF3R antibody (Middle Region)

3 Images

Overview

Quantity:	0.4 mL
Target:	CSF3R
Binding Specificity:	AA 259-288, Middle Region
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CSF3R antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	KLH conjugated synthetic peptide between 259~288 amino acids from the Center region of human CSF3R Gene name: CSF3R
Isotype:	Ig Fraction
Specificity:	This antibody recognizes Human CD114 / CSF3R (Center).
Purification:	Affinity Chromatography on Protein A

Target Details

Target:	CSF3R
Alternative Name:	CD114 / CSF3R (CSF3R Products)

Target Details

Background: CSF3R 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, with three of the isoforms being membrane-bound and the other being secreted and soluble. Synonyms: G-CSF Receptor, G-CSF-R, GCSF Receptor, GCSFR, Granulocyte colony-stimulating factor receptor

Molecular Weight: 92156 Da

Gene ID: 1441

NCBI Accession: [NP_000751](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 0.25 mg/mL

Buffer: PBS, 0.09 % Sodium Azide

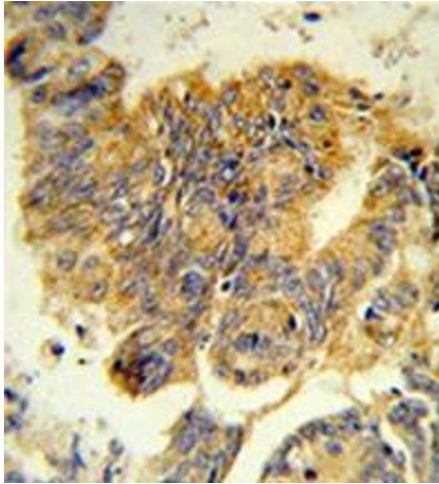
Preservative: Sodium azide

Precaution of Use: This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling Advice: Avoid repeated freezing and thawing.

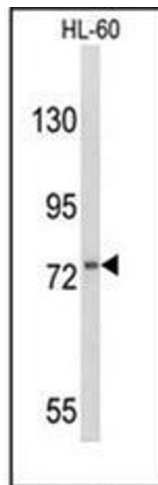
Storage: 4 °C/-20 °C

Storage Comment: Store undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.



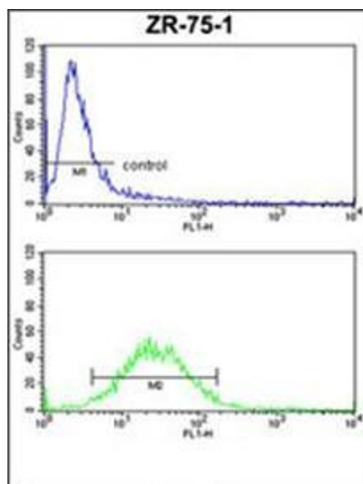
Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Formalin-fixed, paraffin-embedded human colon carcinoma reacted with CD114 / CSF3R Antibody (Center) Cat.-No AP51098PU-N which was peroxidase-conjugated to the secondary antibody, followed by DAB staining.



Western Blotting

Image 2. Western blot analysis of CD114 / CSF3R Antibody (Center) in HL-60 cell line lysates (35ug/lane). CSF3R (arrow) was detected using the purified Pab.



Flow Cytometry

Image 3. Flow Cytometry analysis of ZR-75-1 cells using CD114 / CSF3R Antibody (Center) Cat.-No AP51098PU-N (bottom histogram) compared to a negative control cell (top histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.