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Datasheet for ABIN5530945
anti-G-CSF antibody (AA 252-280)

3 Images

Overview

Quantity:	400 µL
Target:	G-CSF (CSF3)
Binding Specificity:	AA 252-280
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This G-CSF antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	This CSF3R antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 252-280 amino acids from the Central region of human CSF3R.
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	G-CSF (CSF3)
Alternative Name:	CSF3 (CSF3 Products)
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

Target Details

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.

Molecular Weight: 92 kDa

Gene ID: 1441

UniProt: [Q99062](#)

Pathways: [Cellular Response to Molecule of Bacterial Origin, Regulation of Actin Filament Polymerization](#)

Application Details

Application Notes: For WB starting dilution is: 1:1000

For IHC-P starting dilution is: 1:10~50

For FACS starting dilution is: 1:10~50

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 0.5 mg/mL

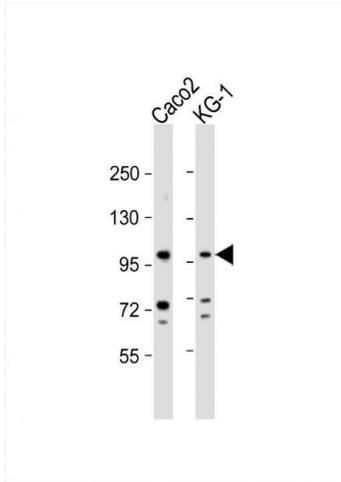
Buffer: Supplied in PBS with 0.09 % (W/V) sodium azide.

Preservative: Sodium azide

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

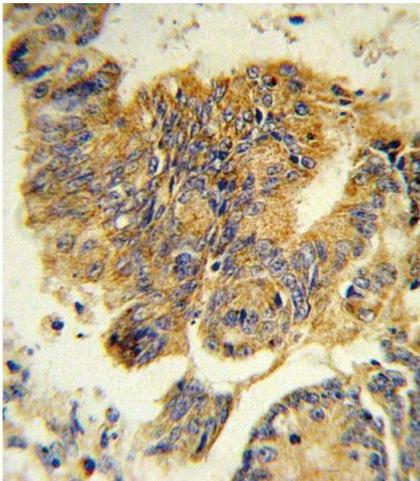
Storage: 4 °C, -20 °C

Storage Comment: Store at 4°C for three months and -20°C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.



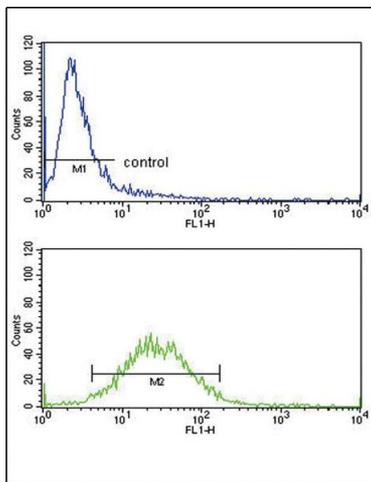
Western Blotting

Image 1. Western Blot at 1:1000 dilution Lane 1: Caco2 whole cell lysate Lane 2: KG-1 whole cell lysate Lysates/proteins at 20 ug per lane.



Immunohistochemistry

Image 2. Formalin-fixed and paraffin-embedded human colon carcinoma reacted with CSF3R Antibody, which was peroxidase-conjugated to the secondary antibody, followed by DAB staining.



Flow Cytometry

Image 3. Flow cytometric analysis of ZR-75-1 cells (bottom histogram) compared to a negative control cell (top histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.