

Datasheet for ABIN465577

**anti-G-CSF antibody****3** Images[Go to Product page](#)

## Overview

Quantity:	100 µg
Target:	G-CSF (CSF3)
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This G-CSF antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Neutralization (Neut)

## Product Details

Immunogen:	E.coli derived recombinant Human G-CSF.
	Type of Immunogen: Cell extract
Specificity:	Human G-CSF
Purification:	Immunoaffinity purified

## Target Details

Target:	G-CSF (CSF3)
Alternative Name:	CSF3 / G-CSF / GCSF ( <a href="#">CSF3 Products</a> )
Background:	Name/Gene ID: CSF3
	Synonyms: CSF3, C17orf33, Filgrastim, G-CSF, GCSF, Pluripoietin, CSF3OS, Lenograstim

## Target Details

Gene ID:	1440
UniProt:	<a href="#">P09919</a>
Pathways:	<a href="#">Cellular Response to Molecule of Bacterial Origin, Regulation of Actin Filament Polymerization</a>

## Application Details

Application Notes:	Approved: ELISA (0.5 - 2 µg/mL), Neut (4 - 6 µg/mL), WB  Usage: Immunohistochemistry: This antibody stained formalin-fixed, paraffin-embedded sections of human angiosarcoma. The recommended concentration is 0.25 µg/mL with an overnight incubation at 4 °C. An HRP-labeled polymer detection system was used with a DAB chromogen. Heat induced antigen retrieval with a pH 6 sodium citrate buffer is recommended. Optimal concentrations and conditions may vary. Neutralization: To yield one-half maximal inhibition [ND] of the biological activity of hG-CSF (0.5 ng/mL), a concentration of 0.04-0.06 µg/mL of this antibody is required. ELISA: To detect hG-CSF by sandwich ELISA (using 100 µL/well antibody solution) a concentration of 0.5-2 µg/mL of this antibody is required. This antigen affinity purified antibody, in conjunction with Biotinylated Anti-Human G-CSF (LS-C104674) as a detection antibody, allows the detection of at least 0.2-0.4 ng/well of recombinant hG-CSF. Western Blot: To detect hG-CSF by Western Blot analysis this antibody can be used at a concentration of 0.1-0.2 µg/mL. Used in conjunction with compatible secondary reagents the detection limit for recombinant hG-CSF is 1.5-3 ng/lane, under either reducing or non-reducing conditions.
Comment:	Target Species of Antibody: Human
Restrictions:	For Research Use only

## Handling

Format:	Lyophilized
Reconstitution:	Reconstitute with sterile water
Concentration:	Lot specific
Buffer:	Lyophilized from PBS, pH 7.2
Handling Advice:	Avoid freeze/thaw cycles.
Storage:	4 °C, -20 °C

Handling

Storage Comment:	Store Lyophilized at room temperature up to 1 month
	Reconstituted for up to 2 weeks at 2-8°C. Aliquot and freeze at -20°C for long term storage.
	Avoid freeze/thaw cycles.

Images

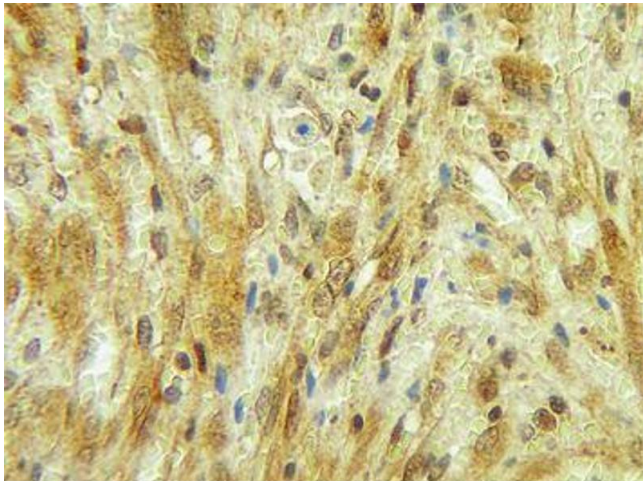


Image 1.

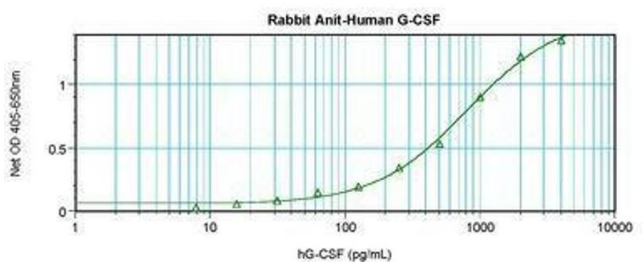


Image 2.

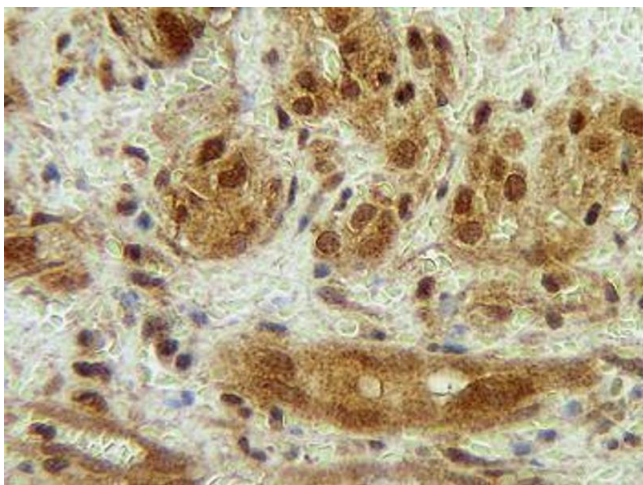


Image 3.