



[Go to Product page](#)

Datasheet for ABIN1881232
anti-G-CSF antibody (C-Term)

1 Image

2 Publications

Overview

Quantity:	400 µL
Target:	G-CSF (CSF3)
Binding Specificity:	AA 180-207, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This G-CSF antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	This CSF3 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 180-207 amino acids from the C-terminal region of human CSF3.
Clone:	RB41425
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:	The protein encoded by this gene is a cytokine that controls the production, differentiation, and

Target Details

function of granulocytes. The active protein is found extracellularly. Alternatively spliced transcript variants have been described for this gene.

Molecular Weight: 22293

NCBI Accession: [NP_000750](#), [NP_001171618](#), [NP_757373](#), [NP_757374](#)

UniProt: [P09919](#)

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

Application Details

Application Notes: WB: 1:1000

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Purified polyclonal antibody 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

Expiry Date: 6 months

Publications

Product cited in: Dai, Liu, Liu, Zhang, Wang, Jin, Qian, Wang, Zhao, Wu, Xiong, Chang, Sun, Yang, Hoffman, Liu: "Anti-metastatic Efficacy of Traditional Chinese Medicine (TCM) Ginsenoside Conjugated to a VEGFR-3 Antibody on Human Gastric Cancer in an Orthotopic Mouse Model." in: **Anticancer research**, Vol. 37, Issue 3, pp. 979-986, (2017) ([PubMed](#)).

Irrthum, Karkkainen, Devriendt, Alitalo, Vikkula: "Congenital hereditary lymphedema caused by a mutation that inactivates VEGFR3 tyrosine kinase." in: **American journal of human genetics**, Vol. 67, Issue 2, pp. 295-301, (2000) ([PubMed](#)).

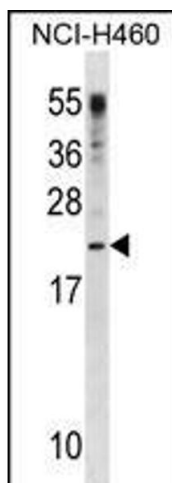
Galland, Karamysheva, Pebusque, Borg, Rottapel, Dubreuil, Rosnet, Birnbaum: "The FLT4 gene

encodes a transmembrane tyrosine kinase related to the vascular endothelial growth factor receptor." in: **Oncogene**, Vol. 8, Issue 5, pp. 1233-40, (1993) ([PubMed](#)).

Pajusola, Aprelikova, Korhonen, Kaipainen, Pertovaara, Alitalo, Alitalo: "FLT4 receptor tyrosine kinase contains seven immunoglobulin-like loops and is expressed in multiple human tissues and cell lines." in: **Cancer research**, Vol. 52, Issue 20, pp. 5738-43, (1992) ([PubMed](#)).

Galland, Karamysheva, Mattei, Rosnet, Marchetto, Birnbaum: "Chromosomal localization of FLT4, a novel receptor-type tyrosine kinase gene." in: **Genomics**, Vol. 13, Issue 2, pp. 475-8, (1992) ([PubMed](#)).

Images



Western Blotting

Image 1. CSF3 Antibody (C-term) (ABIN1881232 and ABIN2838611) western blot analysis in NCI- cell line lysates (35 µg/lane). This demonstrates the CSF3 antibody detected the CSF3 protein (arrow).