

ARG56788 anti-G-CSF antibody (Biotin)

Package: 50 µg
Store at: 4°C

Summary

Product Description	Biotin-conjugated Rabbit Polyclonal antibody recognizes G-CSF
Tested Reactivity	Hu
Tested Application	ELISA, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	G-CSF
Species	Human
Immunogen	E.coli derived Recombinant Human G-CSF. (TPLGPASSLP QSFLKCLEQ VRKIQGDGAA LQEKLCATYK LCHPEELVLL GHSLGIPWAP LSSCPSQALQ LAGCLSQLHS GLFLYQGILLQ ALEGISPELG PTLDTLQLDV ADFATTIWQQ MEELGMAPAL QPTQGAMPAP ASAFQRRAGG VLVASHLQSF LEVSYRVLRLH LAQP)
Conjugation	Biotin
Alternate Names	Granulocyte colony-stimulating factor; Lenograstim; C17orf33; GCSF; G-CSF; Filgrastim; Pluripoietin; CSF3OS

Application Instructions

Application table	Application	Dilution
	ELISA	Direct: 0.25 - 1.0 µg/ml Sandwich: 0.25 - 1.0 µg/ml with ARG56788 as a capture antibody
	WB	0.1 - 0.2 µg/ml

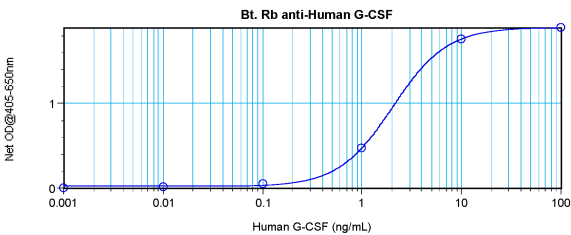
Application Note * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

Properties

Form	Liquid
Purification	Purified by affinity chromatography.
Buffer	PBS (pH 7.2)
Concentration	1 mg/ml
Storage instruction	Aliquot and store in the dark at 2-8°C. Keep protected from prolonged exposure to light. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

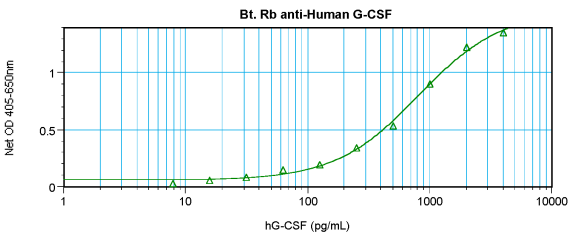
Database links	GeneID: 1440 Human Swiss-port # P09919 Human
Gene Symbol	CSF3
Gene Full Name	colony stimulating factor 3 (granulocyte)
Background	The protein encoded by this gene is a cytokine that controls the production, differentiation, and function of granulocytes. The active protein is found extracellularly. Alternatively spliced transcript variants have been described for this gene. [provided by RefSeq, May 2010]
Function	Granulocyte/macrophage colony-stimulating factors are cytokines that act in hematopoiesis by controlling the production, differentiation, and function of 2 related white cell populations of the blood, the granulocytes and the monocytes-macrophages. This CSF induces granulocytes. [UniProt]
Calculated Mw	22 kDa
PTM	O-glycan consists of Gal-GalNAc disaccharide which can be modified with up to two sialic acid residues (done in recombinantly expressed G-CSF from CHO cells).

Images



ARG56788 anti-G-CSF antibody (Biotin) standard curve image

Direct ELISA: ARG56788 anti-G-CSF antibody (Biotin) at 0.25 - 1.0 µg/ml results of a typical standard run with optical density.



ARG56788 anti-G-CSF antibody (Biotin) standard curve image

Sandwich ELISA: ARG56788 anti-G-CSF antibody (Biotin) as a detection antibody at 0.25 - 1.0 µg/ml combined with ARG56678 anti-G-CSF antibody as a capture antibody. Results of a typical standard run with optical density.