

## ARG21453 anti-G-CSF antibody [BVD13-3A5] (low endotoxin)

Package: 100 µg  
Store at: -20°C

### Summary

Product Description	Azide free and low endotoxin Rat Monoclonal antibody [BVD13-3A5] recognizes G-CSF
Tested Reactivity	Hu
Tested Application	ELISA, ICC/IF, IHC-Fr, Neut
Specificity	Human G-CSF.
Host	Rat
Clonality	Monoclonal
Clone	BVD13-3A5
Isotype	IgG1, kappa
Target Name	G-CSF
Species	Human
Immunogen	E. coli-expressed human G-CSF
Conjugation	Un-conjugated
Alternate Names	Granulocyte colony-stimulating factor; Lenograstim; C17orf33; GCSF; G-CSF; Filgrastim; Pluripoietin; CSF3OS

### Application Instructions

Application table	Application	Dilution
	ELISA	< 10 µg/ml
	ICC/IF	Assay-dependent
	IHC-Fr	Assay-dependent
	Neut	Assay-dependent
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

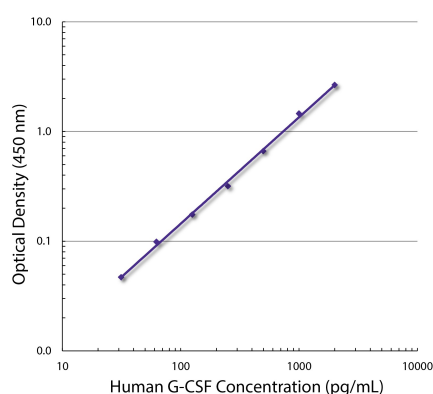
### Properties

Form	Liquid
Purification Note	Low endotoxin
Buffer	PBS
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

## Bioinformation

Database links	<a href="#">GeneID: 1440 Human</a> <a href="#">Swiss-port # P09919 Human</a>
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



ARG21453 anti-G-CSF antibody [BVD13-3A5] (low endotoxin) standard curve image

ELISA: Human G-CSF detected by [ARG21452](#) anti-G-CSF antibody [BVD13-3A5] as capture antibody ([ARG21453](#): Low endotoxin version), and [ARG21455](#) anti-G-CSF antibody [BVD11-37G10] (Biotin) as detection antibody, follow by incubation with streptavidin-HRP.