

## ARG43410 anti-G-CSF Receptor antibody

Package: 100 µl  
Store at: -20°C

### Summary

Product Description	Rabbit Polyclonal antibody recognizes G-CSF Receptor
Tested Reactivity	Hu
Tested Application	FACS, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	G-CSF Receptor
Species	Human
Immunogen	Synthetic peptide derived from Human G-CSF Receptor.
Conjugation	Un-conjugated
Alternate Names	G-CSF receptor; CD114; CD antigen CD114; G-CSF-R; GCSFR; Granulocyte colony-stimulating factor receptor

### Application Instructions

Application table	Application	Dilution
	FACS	1:200
	WB	1:500 - 1:2000
Application Note	FACS: Permeabilization requested * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Positive Control	Caco-2	
Observed Size	~ 88 kDa	

### Properties

Form	Liquid
Purification	Affinity purified.
Buffer	PBS (pH 7.4), 150 mM NaCl, 0.02% Sodium azide and 50% Glycerol.
Preservative	0.02% Sodium azide
Stabilizer	50% Glycerol
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.

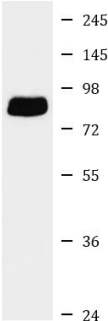
Note

For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Gene Symbol	CSF3R
Gene Full Name	colony stimulating factor 3 receptor (granulocyte)
Background	The protein encoded by this gene 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 family of cytokine receptors, may also function in some cell surface adhesion or recognition processes. Alternatively spliced transcript variants have been described. Mutations in this gene are a cause of Kostmann syndrome, also known as severe congenital neutropenia. [provided by RefSeq, Aug 2010]
Function	Receptor for granulocyte colony-stimulating factor (CSF3), essential for granulocytic maturation. Plays a crucial role in the proliferation, differentiation and survival of cells along the neutrophilic lineage. In addition it may function in some adhesion or recognition events at the cell surface. [UniProt]
Calculated Mw	92 kDa
PTM	N-glycosylated. [UniProt]
Cellular Localization	Isoform 2: Secreted. Cell membrane; Single-pass type I membrane protein. [UniProt]

Images



Caco-2

ARG43410 anti-G-CSF Receptor antibody WB image

Western blot: Caco-2 cell lysate stained with ARG43410 anti-G-CSF Receptor antibody.