

ARG44647
anti-G-CSF Receptor antibodyPackage: 50 µg
Store at: -20°C

Summary

Product Description	Mouse Monoclonal antibody recognizes G-CSF Receptor
Tested Reactivity	Hu
Tested Application	IP
Host	Mouse
Clonality	Monoclonal
Isotype	IgG2b
Target Name	G-CSF Receptor
Species	Human
Conjugation	Un-conjugated
Alternate Names	CSF3R; Colony Stimulating Factor 3 Receptor; G-CSF-R; GCSFR; Granulocyte Colony-Stimulating Factor Receptor; Colony Stimulating Factor 3 Receptor (Granulocyte); G-CSF Receptor; CD114 Antigen; CD114; SCN7

Application Instructions

Application table	Application	Dilution
	IP	10 µg/mL
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

Properties

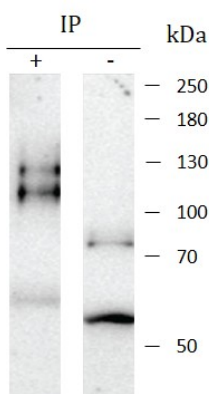
Form	Liquid
Purification	Protein A purification
Buffer	PBS with 0.09% sodium azide
Preservative	0.09% sodium azide
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is 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
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Gene Full Name	Colony Stimulating Factor 3 Receptor
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	Disulfide bond, Glycoprotein. [UniProt]
Cellular Localization	Cell membrane, Membrane, Secreted. [UniProt]

Images



ARG44647 anti-G-CSF Receptor antibody IP image

Immunoprecipitation: HL-60 lysate immunoprecipitated with 2.5 µg of ARG44647 anti-G-CSF Receptor antibody.