

## ARG21425 anti-GM-CSF antibody [BVD2-21C11]

Package: 100 µg  
Store at: -20°C

### Summary

Product Description	Rat Monoclonal antibody [BVD2-21C11 ] recognizes GM-CSF
Tested Reactivity	Hu, R. Mk
Tested Application	ELISA, ELISPOT, FACS, ICC/IF, IHC, IHC-Fr, IP, Neut
Specificity	Human/Rhesus/Cynomolgus GM-CSF.
Host	Rat
Clonality	Monoclonal
Clone	BVD2-21C11
Isotype	IgG2a, kappa
Target Name	GM-CSF
Species	Human
Immunogen	E. coli-expressed human GM-CSF
Conjugation	Un-conjugated
Alternate Names	GM-CSF; Granulocyte-macrophage colony-stimulating factor; CSF; GMCSF; Molgramostin; Colony-stimulating factor; Sargramostim

### Application Instructions

Application table	Application	Dilution
	ELISA	Assay-dependent
	ELISPOT	Assay-dependent
	FACS	Assay-dependent
	ICC/IF	Assay-dependent
	IHC	Assay-dependent
	IHC-Fr	Assay-dependent
	IP	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
Buffer	BBS (pH 8.2)

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

## Bioinformation

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Database links	<a href="#">GeneID: 1437 Human</a>  <a href="#">Swiss-port # P04141 Human</a>
Gene Symbol	CSF2
Gene Full Name	colony stimulating factor 2 (granulocyte-macrophage)
Background	The protein encoded by this gene is a cytokine that controls the production, differentiation, and function of granulocytes and macrophages. The active form of the protein is found extracellularly as a homodimer. This gene has been localized to a cluster of related genes at chromosome region 5q31, which is known to be associated with interstitial deletions in the 5q- syndrome and acute myelogenous leukemia. Other genes in the cluster include those encoding interleukins 4, 5, and 13. [provided by RefSeq, Jul 2008]
Function	Cytokine that stimulates the growth and differentiation of hematopoietic precursor cells from various lineages, including granulocytes, macrophages, eosinophils and erythrocytes. [UniProt]
Highlight	Related products: <a href="#">GM-CSF antibodies;</a> <a href="#">GM-CSF ELISA Kits;</a> <a href="#">GM-CSF Duos / Panels;</a> <a href="#">GM-CSF recombinant proteins;</a> <a href="#">Anti-Rat IgG secondary antibodies;</a> Related news: <a href="#">HMGB1 in inflammation</a> <a href="#">Inflammatory Cytokines</a>
Calculated Mw	16 kDa