

## ARG21501 anti-GM-CSF antibody [MP1-31G6] (Biotin)

Package: 100 µg  
Store at: 4°C

### Summary

Product Description	Biotin-conjugated Rat Monoclonal antibody [MP1-31G6 ] recognizes GM-CSF
Tested Reactivity	Ms
Tested Application	ELISA, ICC/IF, IHC-Fr, Neut
Specificity	Mouse GM-CSF.
Host	Rat
Clonality	Monoclonal
Clone	MP1-31G6
Isotype	IgG1, kappa
Target Name	GM-CSF
Species	Mouse
Immunogen	COS-expressed mouse GM-CSF
Conjugation	Biotin
Alternate Names	GM-CSF; Granulocyte-macrophage colony-stimulating factor; CSF; GMCSF; Molgramostin; Colony-stimulating factor; Sargramostim

### Application Instructions

Application table	Application	Dilution
	ELISA	1:2000 - 1:4000
	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

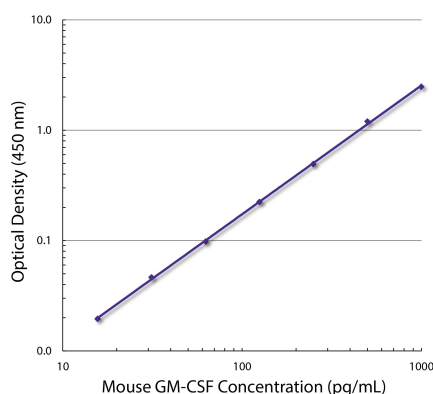
Form	Liquid
Buffer	PBS and 0.1% Sodium azide.
Preservative	0.1% Sodium azide
Concentration	0.5 mg/ml
Storage instruction	Aliquot and store in the dark at 2-8°C. Keep protected from prolonged exposure to light. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

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

## Bioinformation

Database links	<a href="#">GeneID: 12981 Mouse</a> <a href="#">Swiss-port # P01587 Mouse</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

## Images



ARG21501 anti-GM-CSF antibody [MP1-31G6] (Biotin) standard curve image

ELISA: Mouse GM-CSF detected by [ARG21498](#) anti-GM-CSF antibody [MP1-22E9] as capture antibody ([ARG21499](#): Azide free version), and [ARG21501](#) anti-GM-CSF antibody [MP1-31G6] (Biotin) as detection antibody, follow by incubation with streptavidin-HRP.