

ARG21499 anti-GM-CSF antibody [MP1-22E9] (low endotoxin)

Package: 100 µg
Store at: -20°C

Summary

Product Description	Azide free and low endotoxin Rat Monoclonal antibody [MP1-22E9] recognizes GM-CSF
Tested Reactivity	Ms
Tested Application	ELISA, ELISPOT, FACS, ICC/IF, IHC-Fr, Neut, WB
Specificity	Mouse GM-CSF.
Host	Rat
Clonality	Monoclonal
Clone	MP1-22E9
Isotype	IgG2a, kappa
Target Name	GM-CSF
Species	Mouse
Immunogen	COS-expressed mouse 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	< 5 µg/ml
	ELISPOT	Assay-dependent
	FACS	Assay-dependent
	ICC/IF	Assay-dependent
	IHC-Fr	Assay-dependent
	Neut	Assay-dependent
	WB	Assay-dependent

Application Note * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

Properties

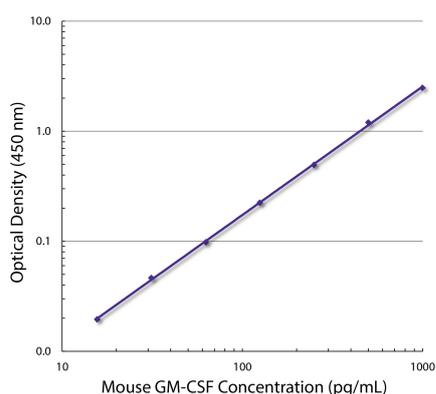
Form	Liquid
Purification Note	Low endotoxin
Buffer	PBS

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

Bioinformation

Database links	GeneID: 12981 Mouse Swiss-port # P01587 Mouse
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: GM-CSF antibodies ; GM-CSF ELISA Kits ; GM-CSF Duos / Panels ; GM-CSF recombinant proteins ; Anti-Rat IgG secondary antibodies ; Related news: HMGB1 in inflammation Inflammatory Cytokines
Calculated Mw	16 kDa

Images



ARG21499 anti-GM-CSF antibody [MP1-22E9] (low endotoxin) standard curve image

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