

ARG21483 anti-IL3 antibody [MP2-8F8] (low endotoxin)

Package: 100 µg
Store at: -20°C

Summary

Product Description	Azide free and low endotoxin Rat Monoclonal antibody [MP2-8F8] recognizes IL3
Tested Reactivity	Ms
Tested Application	ELISA, ELISPOT, FACS, ICC/IF, IHC-Fr, IP, Neut
Specificity	Mouse IL-3.
Host	Rat
Clonality	Monoclonal
Clone	MP2-8F8
Isotype	IgG1, kappa
Target Name	IL3
Species	Mouse
Immunogen	COS-expressed mouse IL-3
Conjugation	Un-conjugated
Alternate Names	MCGF; Mast cell growth factor; P-cell-stimulating factor; Hematopoietic growth factor; IL-3; Interleukin-3; Multipotential colony-stimulating factor; MULTI-CSF

Application Instructions

Application table	Application	Dilution
	ELISA	< 2 µg/ml
	ELISPOT	Assay-dependent
	FACS	Assay-dependent
	ICC/IF	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

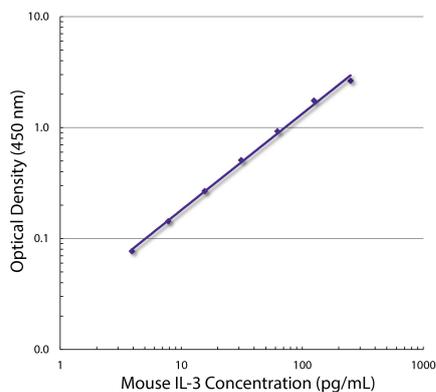
Form	Liquid
Purification Note	Low endotoxin
Buffer	PBS

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: 16187 Mouse Swiss-port # P01586 Mouse
Gene Symbol	IL3
Gene Full Name	interleukin 3
Background	The protein encoded by this gene is a potent growth promoting cytokine. This cytokine is capable of supporting the proliferation of a broad range of hematopoietic cell types. It is involved in a variety of cell activities such as cell growth, differentiation and apoptosis. This cytokine has been shown to also possess neurotrophic activity, and it may be associated with neurologic disorders. [provided by RefSeq, Jul 2008]
Function	Granulocyte/macrophage colony-stimulating factors are cytokines that act in hematopoiesis by controlling the production, differentiation, and function of 2 related white cell populations of the blood, the granulocytes and the monocytes-macrophages. This CSF induces granulocytes, macrophages, mast cells, stem cells, erythroid cells, eosinophils and megakaryocytes. [UniProt]
Calculated Mw	17 kDa

Images



ARG21483 anti-IL3 antibody [MP2-8F8] (low endotoxin) standard curve image

ELISA: Mouse IL-3 detected by [ARG21482](#) anti-IL3 antibody [MP2-8F8] as capture antibody ([ARG21483](#): Low endotoxin version), and [ARG21485](#) anti-IL3 antibody [MP2-43D11] (Biotin) as detection antibody, follow by incubation with streptavidin-HRP.