

ARG21484
anti-IL3 antibody [MP2-43D11]Package: 100 µg
Store at: -20°C

Summary

Product Description	Rat Monoclonal antibody [MP2-43D11] recognizes IL3
Tested Reactivity	Ms
Tested Application	ELISA, ELISPOT, ICC/IF, IHC-Fr, Neut, WB
Specificity	Mouse IL-3.
Host	Rat
Clonality	Monoclonal
Clone	MP2-43D11
Isotype	IgG2a, 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	Assay-dependent
	ELISPOT	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
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

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