

ARG21435 anti-IL3 antibody [BVD3-1F9] (Biotin)

Package: 100 µg
Store at: 4°C

Summary

Product Description	Biotin-conjugated Rat Monoclonal antibody [BVD3-1F9] recognizes IL3
Tested Reactivity	Hu
Tested Application	ELISA, FACS, IHC-Fr, WB
Specificity	Human IL-3.
Host	Rat
Clonality	Monoclonal
Clone	BVD3-1F9
Isotype	IgG1, kappa
Target Name	IL3
Species	Human
Immunogen	Yeast-expressed human IL-3
Conjugation	Biotin
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	1:2000 - 1:4000
	FACS	Assay-dependent
	IHC-Fr	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.	

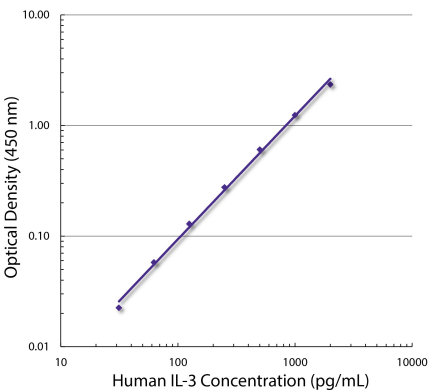
Properties

Form	Liquid
Buffer	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.

Bioinformation

Database links	GeneID: 3562 Human Swiss-port # P08700 Human
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



ARG21435 anti-IL3 antibody [BVD3-1F9] (Biotin) standard curve image

ELISA: Human IL-3 detected by [ARG21432](#) anti-IL3 antibody [BVD8-3G11] as capture antibody ([ARG21433](#): Azide free version), and [ARG21435](#) anti-IL3 antibody [BVD3-1F9] (Biotin) as detection antibody, follow by incubation with streptavidin-HRP.