

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.

Note

For laboratory research only, not for drug, diagnostic or other 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

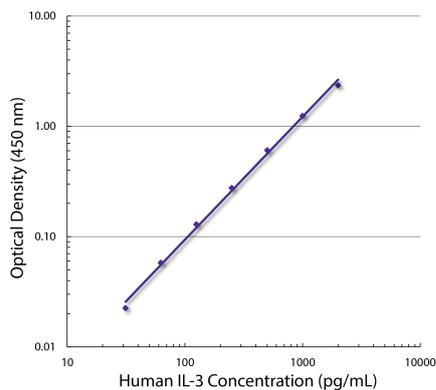
Granulocyte/macrophage colony-stimulating factors are cytokines that act in hematopoiesis by controlling the production, differentiation, and function of 2 related white cell populations of the blood, the granulocytes and the monocytes-macrophages.

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.