

ARG65999 anti-IL3 antibody (Biotin)

Package: 50 µg
Store at: 4°C

Summary

Product Description	Biotin-conjugated Rabbit Polyclonal antibody recognizes IL3
Tested Reactivity	Hu
Tested Application	ELISA, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	IL3
Species	Human
Immunogen	E. coli derived recombinant Human IL3. (APMTQTTSK TSWVNCNMI DEIITHLKQP PLPLDFNNL NGEDQDILME NNLRPNLEA FNRAVKSLQN ASAIESILKN LLPCLPLATA APTRHPIHIK DGDWNEFRRK LTFYKLTLEN AQAQQTTLSL AIF)
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	Direct: 0.25 - 1.0 µg/ml Sandwich: 0.25 - 1.0 µg/ml with ARG65998 as a capture antibody
	WB	0.1 - 0.2 µg/ml
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

Properties

Form	Liquid
Purification	Purified by affinity chromatography.
Buffer	PBS (pH 7.2)
Concentration	1 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

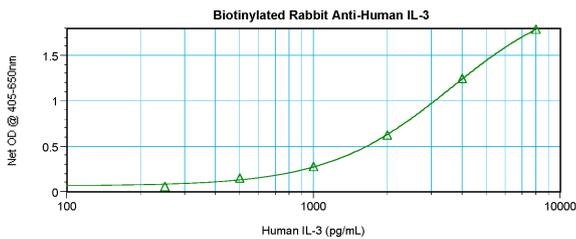
Granulocyte/macrophage colony-stimulating factors are cytokines that act in hematopoiesis by controlling the production, differentiation, and function of 2 related white cell populations of the blood, the granulocytes and the monocytes-macrophages.

This CSF induces granulocytes, macrophages, mast cells, stem cells, erythroid cells, eosinophils and megakaryocytes. [UniProt]

Calculated Mw

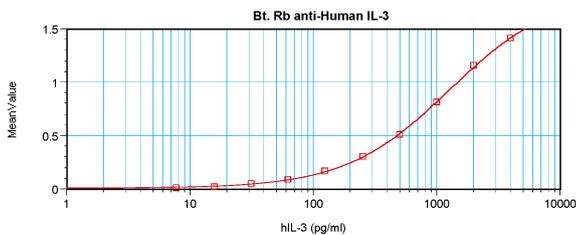
17 kDa

Images



ARG65999 anti-IL3 antibody (Biotin) standard curve image

Direct ELISA: ARG65999 anti-IL3 antibody (Biotin) at 0.25 - 1.0 $\mu\text{g}/\text{ml}$ results of a typical standard run with optical density reading at 405 - 650 nm.



ARG65999 anti-IL3 antibody (Biotin) standard curve image

Sandwich ELISA: ARG65999 anti-IL3 antibody (Biotin) as a detection antibody at 0.25 - 1.0 $\mu\text{g}/\text{ml}$ combined with ARG65998 anti-IL3 antibody as a capture antibody. Results of a typical standard run with optical density reading at 405 - 650 nm.