

Datasheet

IL3 monoclonal antibody, clone BVD3-1F9 (Biotin)

Catalog Number: MAB5867

Regulation Status: For research use only (RUO)

Product Description: Rat monoclonal antibody raised against recombinant IL3.

Clone Name: BVD3-1F9

Immunogen: Recombinant protein corresponding to human IL3.

Host: Rat

Reactivity: Human

Applications: ELISA

(See our web site product page for detailed applications information)

Protocols: See our web site at <http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Specificity: human Interleukin-3 (IL-3)1-4.

Form: Liquid

Conjugation: Biotin

Isotype: IgG1, kappa

Recommend Usage: The optimal working dilution should be determined by the end user.

Storage Buffer: In PBS (0.09% sodium azide)

Storage Instruction: Store at 4°C.

Entrez GeneID: 3562

Gene Symbol: IL3

Gene Alias: IL-3, MCGF, MGC79398, MGC79399, MULTI-CSF

Gene Summary: 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]

References:

1. Immunoenzymetric assay of mouse and human cytokines using NIP-labeled anti-cytokine antibodies. Abrams JS. Curr Protoc Immunol. 2001 May;Chapter 6:Unit 6.20.
2. Structure-function relationships of interleukin-3. An analysis based on the function and binding characteristics of a series of interspecies chimera of gibbon and murine interleukin-3. Kaushansky K, Shoemaker SG, Broudy VC, Lin NL, Matous JV, Alderman EM, Aghajanian JD, Szklut PJ, VanDyke RE, Pearce MK, et al.. J Clin Invest. 1992 Nov;90(5):1879-88.
3. Strategies of anti-cytokine monoclonal antibody development: immunoassay of IL-10 and IL-5 in clinical samples. Abrams JS, Roncarolo MG, Yssel H, Andersson U, Gleich GJ, Silver JE. Immunol Rev. 1992 Jun;127:5-24.