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Antibody to Human Interleukin-3
MOUSE MONOCLONAL

Catalog Number: AB-518
Quantity: 500 micrograms
Format: Lyophilized
Host: Mouse
Isotype: IgG
Clone: 020404
Immunogen: r.Human IL-3

Background:

Interleukin-3 (IL-3) 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.

Specificity and Preparation:

Mouse anti-human interleukin-3 (IL-3) is purified over an ion exchange column. Protein concentration is 1 mg/ml in PBS (after reconstitution).

Usage and Storage:

Reported to be effective for direct ELISA, western blot, immunoprecipitation, and immunohistochemistry. Titer: by direct ELISA, 1:1,000 dilution will yield 0.2 O.D using alkaline phosphatase conjugated rabbit anti-mouse Ig (Jackson Laboratories).

Reconstitute with sterile H₂O. Gently spin down material before use; 5-10 seconds in a microfuge should be adequate. Store lyophilized material at 4°C in dry environment. After reconstitution, if not intended for use within a month, aliquot and store at -20°C. Material is stable for two years lyophilized, one month in solution at 4°C.

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