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Antibody to Mouse Interleukin-12 p75
RAT MONOCLONAL

Catalog Number: AB-512
Quantity: 500 micrograms
Format: Lyophilized
Host: Rat
Isotype: IgG2b
Clone: NYRmIL-12p75
Immunogen: r.Murine IL-12 p75

Background:

Interleukin-12 (IL-12) is a heterodimeric cytokine that stimulates the production of interferon gamma from T-cells and natural killer cells, and also induces differentiation of Th1 helper cells. It is an initiator of cell-mediated immunity.

Specificity and Preparation:

Rat anti-mouse interleukin-12 p75 (IL-12 p75) is purified over an ion exchange column. Protein concentration is 1 mg/ml in PBS (after reconstitution). This antibody recognizes the entire IL-12 molecule and has no reactivity to denatured p40 or p35.

Usage and Storage:

Reported to be effective for direct ELISA, western blot, immunoprecipitation. Titer: by direct ELISA, 1:5,000 dilution will yield 0.5 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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