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Antibody to Human Interleukin-6
MOUSE MONOCLONAL

Catalog Number: AB-521
Quantity: 500 micrograms
Format: Lyophilized
Host: Mouse
Isotype: IgG2a
Clone: NYRhIL6
Immunogen: r.Human IL-6

Background:

IL-6 is a cytokine with a wide variety of biological functions: it plays an essential role in the final differentiation of B-cells into Ig-secreting cells, it induces myeloma and plasmacytoma growth, it induces nerve cells differentiation, in hepatocytes it induces acute phase reactants.

Specificity and Preparation:

Mouse anti-human interleukin-6 (IL-6) 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, 1:10,000 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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