



6352 CORTE DEL ABETO, STE B  
CARLSBAD, CA 92011 USA  
01.858.642.1988 • WWW.ATSBIO.COM

**Antibody to Human Interleukin-6**  
**MOUSE MONOCLONAL**

**Catalog Number:** PRP-109ANT  
**Quantity:** 500 micrograms, 1 milligram  
**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 H<sub>2</sub>O. 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.

**To view protocol(s) for this and other products please visit: [www.ATSBio.com/support/protocols](http://www.ATSBio.com/support/protocols)**