



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

**Antibody to Human Interferon-alpha Neutralizing  
MOUSE MONOCLONAL**

**Catalog Number:** AB-501  
**Quantity:** 500 micrograms, 1 milligram  
**Format:** Lyophilized  
**Host:** Mouse  
**Isotype:** IgG1  
**Clone:** NYRhIFN-A (neut)  
**Immunogen:** r.Human IFN-Alpha

**Background:**

IFN-alpha is produced by macrophages, IFN-alpha has antiviral activities and stimulates the production of two enzymes: a protein kinase and an oligoadenylate synthetase.

**Specificity and Preparation:**

Mouse anti-human interferon-alpha (IFN-alpha) neutralizing 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, immunoprecipitation, and immunohistochemistry. (Does not work in western blotting). This is a neutralizing antibody. Titer: by direct ELISA, 1:10,000 dilution will yield 0.5 O.D using alkaline phosphatase conjugated rabbit anti-mouse Ig (Jackson Laboratories). Note: The antibody can be used for capture ELISA together with mouse anti-human IFN-alpha western blot antibody.

Reconstitute with sterile H<sub>2</sub>O. Gently spin down material before use; 5-10 seconds in a microfuge should be adequate. In lyophilized form, for long periods, store at 4°C in a dry environment. After reconstitution, if not intended for use within a month, aliquot and store at -20°C. Antibody is stable for two years lyophilized, one month in solution at 4°C. Antibody is shipped lyophilized at ambient temperature.

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