

## Anti-Human Interferon Alpha (MMHA-11) Neutralizing Monoclonal Antibody

**Catalog Number:** CM2006      **Size:** 50 µg

**Description:** Mouse Anti-Human Interferon Alpha, neutralizing

**Clone:** MMHA-11

**Concentration:** 1.4 mg/ml

**Buffer:** phosphate buffered saline (PBS) containing 0.1% bovine serum albumin (BSA)

**Antigen:** human leukocyte interferon

**Isotype:** IgG<sub>1</sub> κ

**Bioactivity:** binds to and neutralizes human interferon alpha

**Assay Used to Measure Bioactivity:**

One neutralization unit is the amount of antiserum required to neutralize one unit of human interferon alpha (hIFN-α) to a 50% endpoint. Interferon was titrated with the use of the cytopathic effect inhibition assay as described [Rubinstein, S., Familletti, P.C., and Pestka, S. (1981) "Convenient Assay for Interferons," *J. Virol.* **37**, 755-758; Familletti, P.C., Rubinstein, S., and Pestka, S. (1981) "A Convenient and Rapid Cytopathic Effect Inhibition Assay for Interferon," in *Methods in Enzymology*, Vol. 78 (S. Pestka, ed.), Academic Press, New York, 387-394]. In this antiviral assay for interferon about 1 unit/ml of interferon is the quantity necessary to produce a cytopathic effect of 50%. The units are determined with respect to the international reference standard for hIFN-α provided by the National Institutes of Health [see Pestka, S. (1986) "Interferon Standards and General Abbreviations," in *Methods in Enzymology* (S. Pestka, ed.), Academic Press, New York **119**, 14-23].

**Usage:** Western blot; immunoprecipitation; immunohistochemistry; ELISA

**Shipping Temperature:** Dry ice

**Physical State of Product During Shipping:** Frozen

**Special Conditions/Comments:** After receipt, this product should be kept at -20°C or below for retention of full activity. When thawing, the contents of the tube should be apportioned in separate tubes so that freezing and thawing is kept to a minimum.

**Usage:** **For Research Use Only. Not for use in diagnostic procedures.**

**Country of Origin:** USA

\* This is a generic data sheet and may be subject to change. Please see the package insert shipped with your product for current data.



**Cell Sciences, Inc.**  
480 Neponset Street  
Bldg 12A  
Canton, MA 02021

Toll Free: 888-769-1246  
Phone: 781-828-0610  
Fax: 781-828-0542

E-mail: [info@cellsciences.com](mailto:info@cellsciences.com)  
Web Site: [www.cellsciences.com](http://www.cellsciences.com)