

Anti-Human Interferon Alpha (MMHA-14) Neutralizing Monoclonal Antibody

Catalog Number: CM2011 **Size:** 50 µg

Description: Mouse Anti-Human Interferon Alpha

Clone: MMHA-14

Concentration: 1.0 mg/ml

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

Antigen: recombinant human interferon alpha D

Isotype: IgG₁ 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.

