

## Anti-Human Interferon Beta (MMHB-14) Neutralizing Monoclonal Antibody

**Catalog Number:** CM2020      **Size:** 50 µg

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

**Clone:** MMHB-14

**Concentration:** 11 µg/ml

**Buffer:** tissue culture supernatant

**Antigen:** human interferon beta

**Isotype:** IgG<sub>2b</sub>

**Bioactivity:** neutralizes human interferon beta; binds to human interferon beta with high affinity

**Assay Used to Measure Bioactivity:**

One neutralization unit is the amount of antiserum required to neutralize one unit of human interferon beta (hIFN-β) 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-β 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.



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