

MOUSE MONOCLONAL ANTIBODY AGAINST HUMAN INTERFERON GAMMA RECEPTOR CHAIN 1 (CD119)

Product Number: 21580-1

Lot Number:

Size: 200 µg

Description: Mouse Anti-Human Interferon Gamma Receptor Chain 1 (CD119), neutralizing

Clone: MMHGR-1

Contents: 200 µg/vial

Volume: 0.1 ml

Concentration: 2.0 mg/ml

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

Endotoxin: < 1 EU/µg

Antigen: Human interferon gamma receptor chain 1

Isotype: Mouse IgG₁

Purity: > 95%

Purification Method: A combination of ion exchange, hydrophobic interaction and size exclusion chromatography.

Specificity: Human interferon gamma receptor chain 1

Assay Used to Measure Bioactivity: Neutralization is determined by the ability of the antibody to inhibit the protection provided by Interferon in a cytopathic effect assay. [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).

Tested Applications: Neutralization

Optimal dilutions should be determined by each laboratory for each application

Suggested Applications: Western (1µg/10ml); immunoprecipitation (1µg/10ml); immunohistochemistry (1µg/10ml); flow cytometry (1µg/ml)

Please note that these applications are presented for suggested use only and have not been fully evaluated by PBL.

References: Duncan *et al.* [*Clin. Cancer Res.* 13:4139. 2007] used MMHGR-1 to measure the IFN-Gamma receptor levels on Ovarian Carcinoma samples in a study which suggests that low levels of receptor protein indicate a poor prognosis.

Shipping Conditions: Dry ice

Physical State of Product During Shipping: Frozen

Special Conditions/Comments: After receipt, this product should be kept at -70 °C or below for retention of full activity. Thaw product vial by incubation in cold tap water until just thawed - the contents of the tube should be apportioned in separate tubes so that freezing and thawing is kept to a minimum. Refreezing should be done on dry ice or in a dry ice/alcohol bath. Further dilution of the product should be in buffers containing protein such as 0.1% bovine serum albumin (BSA). For more information on protein handling visit the PBL website at www.interferonsource.com.

For further product information visit www.interferonsource.com

Authorization

Released by: _____

Date:

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