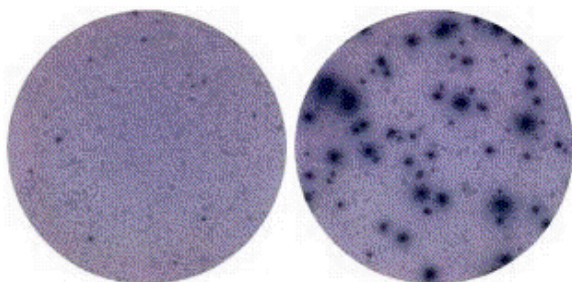


Anti-Mouse IFN gamma Purified

Catalog Number: 14-7313

Also Known As: Interferon-gamma

RUO: For Research Use Only



Splenocytes from mice pre-immunized with PLP139-151 peptide were recall activated 4 weeks later with PLP139-151 for 24 hours in Mouse IFN gamma ELISPOT assay. Control well is medium alone.

Product Information

Contents: Anti-Mouse IFN gamma Purified

REF Catalog Number: 14-7313

Clone: AN-18

Concentration: 0.5 mg/mL


Host/Isotype: Rat IgG1, kappa

Formulation: aqueous buffer, 0.09% sodium azide, may contain carrier protein/stabilizer

 **Temperature Limitation:** Store at 2-8°C.

LOT **Batch Code:** Refer to Vial

 **Use By:** Refer to Vial

 **Caution, contains Azide**

Description

The AN-18 antibody reacts with mouse interferon-gamma (IFN gamma), a 15-20 kDa cytokine secreted by Th1 cells.

Applications Reported

The AN-18 antibody has been reported for use in immunoprecipitation, ELISPOT, and ELISA. (Please use Functional Grade purified AN-18, cat. 16-7313, for ELISPOT Capture.)

Applications Tested

The AN-18 antibody has been tested as the capture antibody in a sandwich ELISA for analysis of mouse IFNg (Interferon-gamma, IFN-g) in combination with the biotin R4-6A2 (13-7312) antibody for detection and recombinant mouse IFNg (39-8311) as the standard. A suitable range of concentrations of this antibody for ELISA capture is 0.25-1 µg/ml. A standard curve consisting of doubling dilutions of the recombinant standard over the range of 200 pg/ml - 1.6 pg/ml should be included in each ELISA plate.

References

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Prat M, Gribaudo G, Comoglio PM, Cavallo G, Landolfo S. 1984. Monoclonal antibodies against murine gamma interferon. *Proc Natl Acad Sci U S A.* 81: 4515-9.

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Abrams, J. 1995. Immunoenzymetric assay of mouse and human cytokines using NIP-labeled anti-cytokine antibodies. In *Current Protocols in Immunology*. A. Kruisbeek eds. Wiley-Interscience, New York. Unit 6.20.1.

Kort JJ, Kawamura K, et al. 2006. Efficient presentation of myelin oligodendrocyte glycoprotein peptides but not protein by astrocytes from HLA-DR2 and HLA-DR4 transgenic mice. *J Neuroimmunol.* 173(1-2):23-34. (ELISPOT, PubMed)

Related Products

00-4202 ELISA Diluent Solution (5X)

13-7312 Anti-Mouse IFN gamma Biotin (R4-6A2)

14-4301 Rat IgG1 K Isotype Control Purified

14-8231 Mouse IL-23 Recombinant Protein

18-4100 Avidin HRP

44-2404 Nunc MaxiSorp® flat-bottom 96 well plate

88-7314 Mouse IFN gamma ELISA Ready-SET-Go!®

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