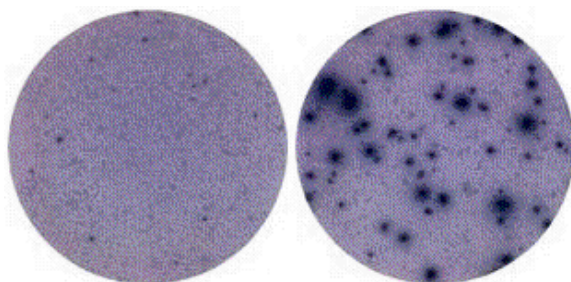


Anti-Mouse IFN gamma Functional Grade Purified

Catalog Number: 16-7313

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 Functional Grade Purified

REF **Catalog Number:** 16-7313

Clone: AN-18

Concentration: 1 mg/mL

Host/Isotype: Rat IgG1, kappa

Handling Conditions: Use in sterile environment.

Endotoxin Level: Less than 0.001 ng/ug antibody, as determined by the LAL assay.

Formulation: aqueous buffer, no sodium azide



Temperature Limitation: Store at 2-8°C.



Batch Code: Refer to Vial



Use By: Refer to Vial

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 ELISA and ELISPOT assay. For neutralization of IFN- γ activity, the alternate clones R4-6A2 or XMG1.2 are recommended.

Applications Tested

The AN-18 antibody has been tested as the capture antibody in IFN- γ ELISPOT assay, in combination with the biotinylated R4-6A2 antibody for detection. A concentration of 1-4 ug/ml is recommended. For neutralization of IFN- γ activity, the alternate clones R4-6A2 or XMG1.2 are recommended.

References

Frasca D, Adorini L, Landolfo S, Doria G. 1988. Enhancement of suppressor T cell activity by injection of anti-IFN-gamma monoclonal antibody. J Immunol. 140: 4103-7.

Simon MM, Hochgeschwender U, Brugger U, Landolfo S. 1986. Monoclonal antibodies to interferon-gamma inhibit interleukin 2-dependent induction of growth and maturation in lectin/antigen-reactive cytolytic T lymphocyte precursors. J Immunol. 136: :2755-62.

Landolfo S, Cofano F, Gandino L, Griboaud G, Prat M. 1985. Monoclonal antibodies against mouse gamma-interferon inhibit tumoricidal macrophage activation by T lymphocytes. Exp Cell Biol. 53: 265-9.

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

Slade, S., et al. 1989. Production of interferon-gamma during infection of mice with Plasmodium chabaudi. Immunobiology. 179: 353.

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

14-7311 Anti-Mouse IFN gamma Purified (XMG1.2)

14-7312 Anti-Mouse IFN gamma Purified (R4-6A2)

16-4301 Rat IgG1 K Isotype Control Functional Grade Purified

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

Not for further distribution without written consent.

Copyright © 2000-2010 eBioscience, Inc.

Tel: 888.999.1371 or 858.642.2058 • Fax: 858.642.2046 • www.eBioscience.com • info@eBioscience.com