

Product Information

Contents: Biotin anti-mouse IFN- γ
Catalog Number: 13-7312
Sizes: 50 μ g, 500 μ g
Formulation: Phosphate buffer pH 7.2,
150 mM NaCl, 0.09% NaN₃
Storage Conditions: Store at 4°C.
DO NOT FREEZE.
Clone: R4-6A2
Isotype: Rat IgG1, κ

Available Formats of This Product

Cat. No.	Format	Excite (nm)	Emit (nm)	Reported Applications
13-7312	Biotin anti-mouse IFN γ (Interferon-gamma, IFN-g)	N/A	N/A	ELISA det ELISPOT
14-7312	Affinity Purified anti-mouse IFN γ (Interferon-gamma, IFN-g)	N/A	N/A	NU
16-7312	Functional Grade* Purified anti-mouse IFN γ (Interferon-gamma, IFN-g)	N/A	N/A	NU
36-7312	In Vivo Cytokine Capture Assay (IVCCA) In Vivo Capture Antibody / Functional Grade* Biotin anti-mouse IFN γ (Interferon-gamma, IFN-g)	N/A	N/A	IVCCA

*Functional Grade™ (FG™): Azide-free, sterile-filtered, and endotoxin < 0.001 ng/ μ g.
Purified: Contains azide, not sterile-filtered, and not endotoxin tested.

Description

The R4-6A2 antibody reacts with mouse interferon-gamma (IFN- γ), a 15-20 kDa cytokine secreted by Th1 cells.

Usage

For research use only, not for diagnostic or therapeutic use. The R4-6A2 antibody has been reported for use in immunoblotting (WB), ELISPOT, and ELISA.

Applications Tested

The biotinylated R4-6A2 antibody has been tested as the detection antibody in a sandwich ELISA for analysis of mouse IFN γ (Interferon-gamma, IFN-g) in combination with the purified AN-18 (14-7313) antibody or the purified XMG1.2 (14-7311) antibody for capture and recombinant mouse IFN γ (14-8311) as the standard. A suitable range of concentrations of this antibody for ELISA detection is 0.5-2 μ g/ml.

A standard curve consisting of doubling dilutions of the recombinant standard over the range of 200 pg/ml - 1.6 pg/ml (AN-18 assay) or 2000 pg/ml - 15 pg/ml (XMG1.2 assay) should be included in each ELISA plate.

Related Products

Cat. 00-0000 eBioscience 10X ELISA Coating Buffer
Cat. 44-2404 Nunc MaxiSorp™ flat-bottom 96 well plate
Cat. 18-4100 Avidin Horse Radish Peroxidase (AV-HRP)
Cat. 00-4202 eBioscience ELISA Diluent Solution, 5X
Cat. 00-4203 Super AquaBlue ELISA Substrate
Cat. 13-4301 Biotin Rat IgG1 Isotype Control
Cat. 88-7234 Mouse IL-23 (p19/p40) ELISA Ready-SET-Go!
Cat. 14-7312 Affinity Purified anti-mouse IFN γ (Interferon-gamma, IFN-g) (clone R4-6A2)
Cat. 16-7312 Functional Grade Purified anti-mouse IFN γ (Interferon-gamma, IFN-g) (clone R4-6A2)
Cat. 88-7384 Mouse IFN γ (Interferon-gamma, IFN-g) ELISPOT Ready-SET-Go!
Cat. 14-8231 Recombinant Mouse IL-23 (Interleukin-23)

Cat. 14-8311 Recombinant Mouse IFN γ (Interferon-gamma, IFN-g)
Cat. 88-8314 Mouse IFN γ (Interferon-gamma, IFN-g) 'Femto-HS' High Sensitivity ELISA Ready-SET-Go!

References

Spitalny, G. L. and E. A. Havell (1984). "Monoclonal antibody to murine gamma interferon inhibits lymphokine-induced antiviral and macrophage tumoricidal activities." J Exp Med 159(5): 1560-5.

Copyright © 2000-2005 eBioscience, Inc.
Product For Research Use Only: Not for further distribution without written consent.

