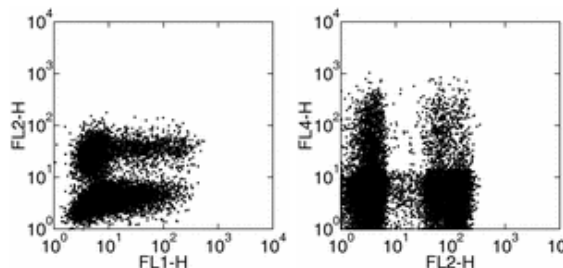


Product Information

Contents: Biotin anti-human Interferon- γ (IFN- γ)
Catalog Number: 13-7319
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: 4S.B3
Isotype: Mouse IgG1, κ



Human peripheral blood mononuclear cells were stimulated with immobilized anti-CD3, soluble anti-CD28, IL-2, and IL-4 for 2 days, followed by IL-2 and IL-4 for 3 days, and restimulated with PMA and Ionomycin in the presence Brefeldin A for 4 hours. (Left) The cells were surface stained with PE anti-human CD4 (RPA-T4) and intracellularly stained with FITC anti-human IFN-g (4S.B3). (Right) The cells were surface stained with PE anti-human CD4 and intracellularly stained with APC anti-human IFN-g.

Available Formats of This Product

Cat. No.	Format	Excite (nm)	Emit (nm)	Reported Applications
11-7319	FITC anti-human IFNg (Interferon-gamma, IFN-g)	488	518	IC
12-7319	PE anti-human IFNg (Interferon-gamma, IFN-g)	488	575	IC
13-7319	Biotin anti-human IFNg (Interferon-gamma, IFN-g)	N/A	N/A	ELISA det ELISPOT
14-7319	Affinity Purified anti-human IFNg (Interferon-gamma, IFN-g)	N/A	N/A	IC
17-7319	APC anti-human IFNg (Interferon-gamma, IFN-g)	633	660	IC
25-7319	Phycoerythrin-Cy7 (PE-Cy7) anti-human IFNg (Interferon-gamma, IFN-g)	488	760	IC

Description

The 4S.B3 monoclonal antibody reacts with interferon- γ (IFN- γ).

Usage

For research use only, not for diagnostic or therapeutic use. The 4S.B3 antibody has been reported for use in ELISPOT, and ELISA.

Applications Tested

The 4S.B3 antibody has been tested as the detection antibody in a sandwich ELISA for analysis of human interferon- γ (IFN- γ) in combination with the purified NIB42 (14-7318) or MD-1 (14-7317) antibodies for capture and recombinant human IFN- γ (14-8319) 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 1000 pg/ml - 8 pg/ml 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. 13-4714 Biotin Mouse IgG1, K Isotype Control

- Cat. 88-7316 Human IFN γ (Interferon-gamma, IFN-g) ELISA Ready-SET-Go!
- Cat. 14-7317 Affinity Purified anti-human IFN γ (Interferon-gamma, IFN-g) (clone MD-1)
- Cat. 16-7317 Functional Grade Purified anti-human IFN γ (Interferon-gamma, IFN-g) (clone MD-1)
- Cat. 14-7318 Affinity Purified anti-human IFN γ (Interferon-gamma, IFN-g) (clone NIB42)
- Cat. 16-7318 Functional Grade Purified anti-human IFN γ (Interferon-gamma, IFN-g) (clone NIB42)
- Cat. 11-7319 FITC anti-human IFN γ (Interferon-gamma, IFN-g) (clone 4S.B3)
- Cat. 12-7319 PE anti-human IFN γ (Interferon-gamma, IFN-g) (clone 4S.B3)
- Cat. 14-7319 Affinity Purified anti-human IFN γ (Interferon-gamma, IFN-g) (clone 4S.B3)
- Cat. 17-7319 APC anti-human IFN γ (Interferon-gamma, IFN-g) (clone 4S.B3)
- Cat. 14-8319 Recombinant Human IFN γ (Interferon-gamma, IFN-g)

References

Meager, A., S. Parti, et al. (1984). "Detection of hybridomas secreting monoclonal antibodies to human gamma interferon using a rapid screening technique and specificity of certain monoclonal antibodies to gamma interferon." J Interferon Res 4(4): 619-25.