

Product Information

Contents: Fluorescein isothiocyanate (FITC) anti-human Interferon- γ (IFN- γ)

Catalog Number: 11-7319

Sizes: 25 tests, 50 μ g, 100 μ g

Formulation: Phosphate buffer pH 7.2, 150 mM NaCl, 0.09% NaN₃

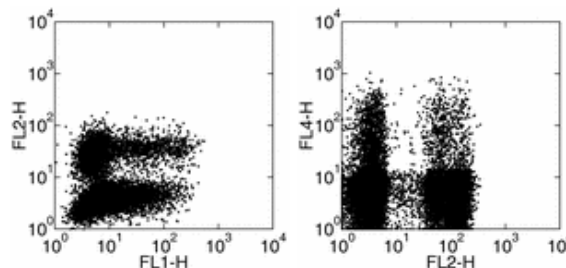
Storage Conditions: Store at 4°C.

DO NOT FREEZE.

LIGHT-SENSITIVE MATERIAL.

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-gamma (4S.B3). (Right) The cells were surface stained with PE anti-human CD4 and intracellularly stained with APC anti-human IFN-gamma.

Available Formats of This Product

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

Applications Tested

The 4S.B3 antibody is offered in 2 formats:

- μ g size: has been tested by intracellular flow cytometric analysis of activated human cells. This can be used at less than or equal to 1 μ g per 100 μ l blood (or per 1 million cells in 100 μ l total staining volume). It is recommended that the antibody be carefully titrated for optimal performance in the assay of interest.

- test size: has been pre-titrated and tested. This can be used at 20 μ l per 100 μ l blood (or per 1 million cells in 100 μ l total staining volume). The pre-titrated test size contains 0.2% BSA.

Related Products

Cat. 11-4718 FITC Mouse IgG1, K Isotype Control (I/C Staining)

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. 12-7319 PE anti-human IFN γ (Interferon-gamma, IFN-g) (clone 4S.B3)
Cat. 13-7319 Biotin 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. 00-8222 eBioscience IC Fixation Buffer
Cat. 14-8319 Recombinant Human IFN γ (Interferon-gamma, IFN-g)
Cat. 00-8333 eBioscience Permeabilization Buffer(10X)
Cat. 88-8823 eBioscience Fixation & Permeabilization

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.