

## Product Information

Contents: Phycoerythrin (PE) anti-human Interferon-gamma (IFN- $\gamma$ )

Catalog Number: 12-7319

Sizes: 25 tests, 50  $\mu$ g, 100  $\mu$ g

Formulation: Phosphate buffer pH 7.2,  
150 mM NaCl, 0.09% NaN<sub>3</sub>

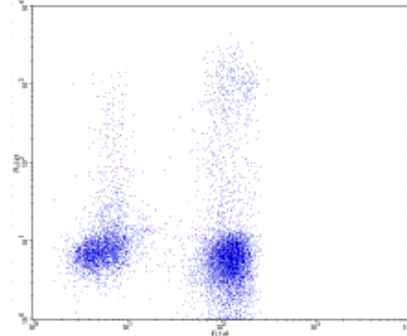
Storage Conditions: Store at 4°C.

DO NOT FREEZE.

LIGHT-SENSITIVE MATERIAL.

Clone: 4S.B3

Isotype: Mouse IgG1,  $\kappa$



*Intracellular staining of 6-hour PMA/Ionomycin-activated human PBMC with PE anti-human IFN- $\gamma$  (4S.B3) and surface staining of FITC anti-human CD3 (UCHL1)*

### Available Formats of This Product

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

### Description

The 4S.B3 monoclonal antibody reacts with interferon- $\gamma$  (IFN- $\gamma$ ).

### Usage

For research use only, not for diagnostic or therapeutic use. The 4S.B3 antibody has been reported for use in intracellular flow cytometric analysis.

### Applications Tested

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

-  $\mu$ g size: has been tested by flow cytometric analysis of activated human cells. This can be used at less than or equal to 0.25  $\mu$ g per 100  $\mu$ l blood (or per 1 million cells in 100  $\mu$ 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  $\mu$ l per 100  $\mu$ l blood (or per 1 million cells in 100  $\mu$ l total staining volume). The pre-titrated test size contains 0.2% BSA.

### Related Products

- Cat. 12-4714 Phycoerythrin (PE) Mouse IgG1, K Isotype Control
- Cat. 14-7317 Affinity Purified anti-human IFN $\gamma$  (Interferon-gamma, IFN-g) (clone MD-1)
- Cat. 16-7317 Functional Grade Purified anti-human IFN $\gamma$  (Interferon-gamma, IFN-g) (clone MD-1)
- Cat. 14-7318 Affinity Purified anti-human IFN $\gamma$  (Interferon-gamma, IFN-g) (clone NIB42)

Cat. 16-7318 Functional Grade Purified anti-human IFN $\gamma$  (Interferon-gamma, IFN-g) (clone NIB42)  
Cat. 11-7319 FITC anti-human IFN $\gamma$  (Interferon-gamma, IFN-g) (clone 4S.B3)  
Cat. 13-7319 Biotin anti-human IFN $\gamma$  (Interferon-gamma, IFN-g) (clone 4S.B3)  
Cat. 14-7319 Affinity Purified anti-human IFN $\gamma$  (Interferon-gamma, IFN-g) (clone 4S.B3)  
Cat. 17-7319 APC anti-human IFN $\gamma$  (Interferon-gamma, IFN-g) (clone 4S.B3)  
Cat. 00-8222 eBioscience IC Fixation Buffer  
Cat. 14-8319 Recombinant Human IFN $\gamma$  (Interferon-gamma, IFN-g)  
Cat. 00-8333 eBioscience Permeabilization Buffer(10X)  
Cat. 88-8823 eBioscience Fixation & Permeabilization

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## References

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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.

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