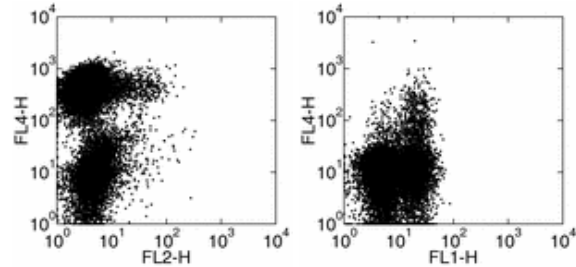


Product Information

Contents: Phycoerythrin (PE) anti-mouse interleukin-4 (IL-4)
Catalog Number: 12-7041
Sizes: 25 tests, 50 ug, 100 ug
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: 11B11
Isotype: Rat IgG1, κ



Mouse splenocytes were stimulated with ConA for 2 days, followed by IL-2 and IL-4 for 3 days, and restimulated with immobilized anti-CD3 and soluble anti-CD28 in the presence of Brefeldin A for 5 hours. (Left) The cells were surface stained with APC anti-mouse CD4 (GK1.5) and intracellularly stained with PE anti-mouse IL-4 (11B11). (Right) The cells were surface stained with FITC anti-mouse CD4 and intracellularly stained with APC anti-mouse IL-4.

Available Formats of This Product				
Cat. No.	Format	Excite (nm)	Emit (nm)	Reported Applications
11-7041	DISCONTINUED - FITC anti-mouse IL-4 (Interleukin-4)	488	518	IC
12-7041	PE anti-mouse IL-4 (Interleukin-4)	488	575	IC
14-7041	Affinity Purified anti-mouse IL-4 (Interleukin-4)	N/A	N/A	ELISA cap ELISPOT cap
16-7041	Functional Grade* Purified anti-mouse IL-4 (Interleukin-4)	N/A	N/A	BA
17-7041	APC anti-mouse IL-4 (Interleukin-4)	633	660	IC
25-7041	DISCONTINUED - **PLEASE SEE CAT NO. 25-7042 INSTEAD** Phycoerythrin-Cy7 (PE-Cy7) anti-mouse IL-4 (Interleukin-4)	488	760	IC

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

Description

The 11B11 antibody reacts with mouse interleukin-4 (IL-4), a 14 kDa cytokine secreted by Th2 cells.

Usage

For research use only, not for diagnostic or therapeutic use. 11B11 has been reported for use in intracellular flow cytometric analysis.

Applications Tested

The PE conjugated 11B11 antibody is offered in 2 formats:
- µg size: has been tested by intracellular staining with flow cytometric analysis and can be used at less than or equal to 0.5 µg/million cells in 100 ul 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 by intracellular staining with flow cytometric analysis and can be used at 20 µl per million cells in a 100 µl total staining volume. The pre-titrated test size contains 0.2% BSA.

Related Products

Cat. 12-4301 PE Rat IgG1 Isotype Control
Cat. 24-5093 Polyclonal anti-mouse IgD antiserum (activating) (clone Polyclonal)

References

Ohara, J. and W. E. Paul (1985). "Production of a monoclonal antibody to and molecular characterization of B-cell stimulatory factor-1." Nature 315(6017): 333-6.

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