

Product Information

Contents: Phycoerythrin (PE) anti-human interleukin-10 (IL-10)

Catalog Number: 12-7108

Sizes: 25 tests, 50 ug, 100 ug

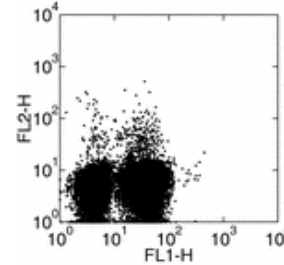
Formulation: Phosphate buffer pH 7.2,
150 mM NaCl, 0.09% NaN₃

Storage Conditions: Store at 4°C.
DO NOT FREEZE.

LIGHT-SENSITIVE MATERIAL

Clone: JES3-9D7

Isotype: Rat IgG1, κ



Human peripheral blood mononuclear cells were stimulated with PMA and ionomycin in the presence of Brefeldin A for 5 hours. The cells were surface stained with FITC anti-human CD4 (RPA-T4) and intracellularly stained with PE anti-human IL-10 (JES3-9D7).

Available Formats of This Product

Cat. No.	Format	Excite (nm)	Emit (nm)	Reported Applications
12-7108	PE anti-human IL-10 (Interleukin-10)	488	575	IC
14-7108	Affinity Purified anti-human IL-10 (Interleukin-10)	N/A	N/A	ELISA cap ELISPOT cap
16-7108	Functional Grade* Purified anti-human IL-10 (Interleukin-10)	N/A	N/A	BA
25-7108	Phycoerythrin-Cy7 (PE-Cy7) anti-human IL-10 (Interleukin-10)	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 JES3-9D7 antibody reacts with human interleukin-10 (IL-10).

Usage

For research use only, not for diagnostic or therapeutic use. JES3-9D7 has been reported for use in intracellular staining and flow cytometric analysis.

Applications Tested

The PE conjugated JES3-9D7 is offered in 2 formats:

- μg size: has been tested by flow cytometric analysis of human activated cells for the detection of intracellular IL-10 and can be used at less than or equal to 0.5 μg/million cells (100 μl blood). 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 flow cytometric analysis of human activated cells for the detection of intracellular IL-10 and can be used at 20 μl per million cells (100 μl blood). The pre-titrated test size contains 0.2% BSA.

Related Products

Cat. 12-4301 PE Rat IgG1 Isotype Control

References

Abrams, J. S., M. G. Roncarolo, et al. (1992). "Strategies of anti-cytokine monoclonal antibody development: immunoassay of IL-10

and IL-5 in clinical samples." Immunol Rev 127: 5-24.

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