

Product Information

Contents: Biotin anti-mouse interleukin-10 (IL-10)

Catalog Number: 13-7102

Sizes: 50 ug, 500 ug

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

Storage Conditions: Store at 4°C.

DO NOT FREEZE.

Clone: JES5-2A5

Isotype: Rat IgG1, κ

Available Formats of This Product

Cat. No.	Format	Excite (nm)	Emit (nm)	Reported Applications
13-7102	Biotin anti-mouse IL-10 (Interleukin-10)	N/A	N/A	ELISA det ELISPOT det
14-7102	Affinity Purified anti-mouse IL-10 (Interleukin-10)	N/A	N/A	ELISA
16-7102	Functional Grade* Purified anti-mouse IL-10 (Interleukin-10)	N/A	N/A	BA

*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 JES5-2A5 antibody reacts with mouse interleukin-10 (IL-10), an 18 kDa cytokine secreted by Th2 and B-1 cells.

Usage

For research use only, not for diagnostic or therapeutic use. The JES5-2A5 antibody has been reported for use in detection of mouse IL-10 by ELISA or ELISPOT.

Applications Tested

The JES5-2A5 antibody has been tested as the detection antibody in a sandwich ELISA for analysis of mouse Interleukin-10 (IL-10) in combination with the purified JES5-16E3 (14-7101) antibody for capture and recombinant mouse IL-10 (14-8101) as the standard. A suitable range of concentrations of this antibody for ELISA detection is 0.25-1 μg/ml. A standard curve consisting of doubling dilutions of the recombinant standard over the range of 4000 pg/ml - 30 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. 14-7101	Affinity Purified anti-mouse IL-10 (Interleukin-10) (clone JES5-16E3)
Cat. 14-8101	Recombinant Mouse IL-10 (Interleukin-10)

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.
- Sander, B., I. Hoiden, et al. (1993). "Similar frequencies and kinetics of cytokine producing cells in murine peripheral blood and

spleen. Cytokine detection by immunoassay and intracellular immunostaining." J Immunol Methods 166(2): 201-14.

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