

IL-10 Monoclonal Antibody (JES5-16E3), APC, eBioscience™

Product Details	
Size	100 µg
Species Reactivity	Mouse
Published Species	Mouse
Host/Isotope	Rat / IgG2b, kappa
Recommended Isotype Control	Rat IgG2b kappa Isotype Control (eB149/10H5), APC, eBioscience™
Class	Monoclonal
Type	Antibody
Clone	JES5-16E3
Conjugate	APC
Form	Liquid
Concentration	0.2 mg/mL
Purification	Affinity chromatography
Storage buffer	PBS, pH 7.2, with 0.1% gelatin
Contains	0.09% sodium azide
Storage Conditions	4° C, store in dark, DO NOT FREEZE!
RRID	AB_469502

Applications	Tested Dilution	Publications
Flow Cytometry (Flow)	0.125 µg/test	56 Publications

Product Specific Information

Description: The JES5-16E3 antibody reacts with mouse interleukin-10 (IL-10). Mouse IL-10 is an ~18 kDa factor also known as Cytokine Synthesis Inhibitory Factor (CSIF). In the mouse, Th2 cells, B1 cells, macrophages, and keratinocytes are the major cell subsets that produce IL-10. IL-10 inhibits synthesis of Th1 cytokines and proliferation of T cells, and acts as a costimulatory signal for mast cells, developing thymocytes and the Th2 response.

Applications Reported: The JES5-16E3 antibody has been reported for use in capture of mouse IL-10 by ELISA and ELISPOT, intracellular staining for flow cytometric analysis, IHC, and neutralization of IL-10 bioactivity.

Applications Tested: The JES5-16E3 antibody has been tested by intracellular staining with flow cytometric analysis and can be used at less than or equal to 0.125 µg per test. A test is defined as the amount (µg) of antibody that will stain a cell sample in a final volume of 100 µL. Cell number should be determined empirically but can range from 10⁵ to 10⁸ cells/test. It is recommended that the antibody be carefully titrated for optimal performance in the assay of interest.

Excitation: 633-647 nm; Emission: 660 nm; Laser: Red Laser.

Filtration: 0.2 µm post-manufacturing filtered.

Flow Cytometry (56)

Oncoimmunology

Anti-melanoma vaccines engineered to simultaneously modulate cytokine priming and silence PD-L1 characterized using *ex vivo* myeloid-derived suppressor cells as a readout of therapeutic efficacy.

"17-7101 was used in Flow cytometry/Cell sorting to show that the simultaneous delivery of IL12 and a PD-L1-silencing shRNA exhibits therapeutically relevant anti-tumour activities."

Authors: Liechtenstein T,Perez-Janices N,Blanco-Luquin I,Goyvaerts C,Schwarze J,Dufait I,Lanna A,Ridder M,Guerrero-Setas D,Breckpot K,Escors D

Species
Mouse

Dilution
Not Cited

Year
2020

Frontiers in immunology

Limited Foxp3⁺ Regulatory T Cells Response During Acute *Trypanosoma cruzi* Infection Is Required to Allow the Emergence of Robust Parasite-Specific CD8⁺ T Cell Immunity.

"17-7101 was used in Flow cytometry/Cell sorting to study the role of regulatory T cells during *Trypanosoma cruzi* infection."

Authors: Araujo Furlan CL,Tosello Boari J,Rodriguez C,Canale FP,Fiocca Vernengo F,Boccardo S,Beccaria CG,Adoue V,Joffre O,Gruppi A,Montes CL,Acosta Rodriguez EV

Species
Mouse

Dilution
Not Cited

Year
2019

[View more Flow references on thermofisher.com](#)

More applications with references on thermofisher.com

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