

IL-10 Monoclonal Antibody (JES3-9D7), PE, eBioscience™

Product Details	
Size	100 µg
Species Reactivity	Human
Published Species	Human
Host/Isotope	Rat / IgG1, kappa
Recommended Isotype Control	Rat IgG1 kappa Isotype Control (eBRG1), PE, eBioscience™
Class	Monoclonal
Type	Antibody
Clone	JES3-9D7
Conjugate	PE
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_466179

Applications	Tested	Dilution	Published
Flow Cytometry (Flow)	✓	0.25 µg/test	9 Publications
ELISA (ELISA)	-		1 Publication
Functional Assay (FN)	-		1 Publication
Miscellaneous PubMed (Misc)	-		1 Publication

Product Specific Information

Description: The JES3-9D7 monoclonal antibody reacts with human interleukin-10 (IL-10).

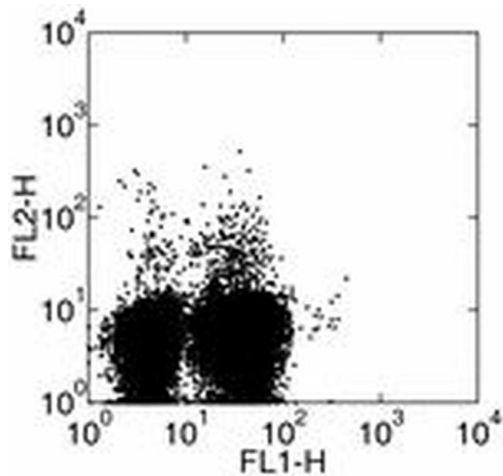
Applications Reported: JES3-9D7 has been reported for use in intracellular staining and flow cytometric analysis.

Applications Tested: This JES3-9D7 antibody is offered in 2 formats: - µg size: has been tested by intracellular staining and flow cytometric analysis of human activated cells. This can be used at less than or equal to 0.25 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. - test size: has been pre-titrated and tested by intracellular staining and flow cytometric analysis of human activated cells. This can be used at 5 µL (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.

Excitation: 488-561 nm; Emission: 578 nm; Laser: Blue Laser, Green Laser, Yellow-Green Laser.

Filtration: 0.2 µm post-manufacturing filtered.

Product Images For IL-10 Monoclonal Antibody (JES3-9D7), PE, eBioscience™



IL-10 Antibody (12-7108-82) in Flow

Normal human peripheral blood cells were stimulated with PMA and Ionomycin in the presence of Brefeldin A for 5 hours. The cells were surface stained with Anti-Human CD4 FITC (Product # 11-0049-42) and intracellularly stained with Anti-Human IL-10 PE.

[View more figures on thermofisher.com](https://www.thermofisher.com)

12 References

Flow Cytometry (9)

mSystems

Multiple Sclerosis-Associated Changes in the Composition and Immune Functions of Spore-Forming Bacteria.

"Published figure using IL-10 monoclonal antibody (Product # 12-7108-82) in Flow Cytometry"

Authors: Cekanaviciute E,Pröbstel AK,Thomann A,Runia TF,Casaccia P,Katz Sand I,Crabtree E,Singh S,Morrissey J,Barba P,Gomez R,Knight R,Mazmanian S,Graves J,Cree BAC,Zamvil SS,Baranzini SE

Species
Not Applicable

Dilution
Not Cited

Year
2019

PloS one

Renal Transplant Recipients Treated with Calcineurin-Inhibitors Lack Circulating Immature Transitional CD19+CD24hiCD38hi Regulatory B-Lymphocytes.

"12-7108 was used in Flow cytometry/Cell sorting to analyse the effect of calcineurin inhibition on peripherally circulating regulatory B cells in renal transplant recipients receiving cyclosporine A or tacrolimus."

Authors: Tebbe B,Wilde B,Ye Z,Wang J,Wang X,Jian F,Dolff S,Schedlowski M,Hoyer PF,Kribben A,Witzke O,Hoerning A

Species
Human

Dilution
Not Cited

Year
2016

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

ELISA (1)

Cellular immunology

Granzyme B production distinguishes recently activated CD8(+) memory cells from resting memory cells.

Authors: Nowacki TM,Kuerten S,Zhang W,Shive CL,Kreher CR,Boehm BO,Lehmann PV,Tary-Lehmann M

Species
Not Applicable

Dilution
Not Cited

Year
2007

Functional Assay (1)

Journal of immunology (Baltimore, Md. : 1950)

Mycobacterium bovis BCG attenuates surface expression of mature class II molecules through IL-10-dependent inhibition of cathepsin S.

Authors: Sendide K,Dehmane AE,Pechkovsky D,Av-Gay Y,Talal A,Hmama Z

Species
Not Applicable

Dilution
Not Cited

Year
2005

More applications with references on thermofisher.com

Misc (1)

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