IL-10 Monoclonal Antibody (JES3-9D7), eFluor™ 660, eBioscience™

Product Details

Size	100 Tests
Species Reactivity	Human
Published Species	Human
Host/Isotype	Rat / IgG1, kappa
Recommended Isotype Control	Rat IgG1 kappa Isotype Control (eBRG1), eFluor™ 660, eBioscience™
Class	Monoclonal
Type	Antibody
Clone	JES3-9D7
Conjugate	eFluor™ 660
Excitation/Emission Max	651/668 nm
Form	Liquid
Concentration	5 µL/Test
Purification	Affinity chromatography
Storage buffer	PBS, pH 7.2, with 0.2% BSA
Contains	0.09% sodium azide
Storage conditions	4° C, store in dark, DO NOT FREEZE!
RRID	AB_11149363

Applications	Tested Dilution	Publications
Immunohistochemistry (IHC)	-	2 Publications
Flow Cytometry (Flow)	5 µL (0.125 µg)/test	8 Publications
ELISA (ELISA)	-	4 Publications
Functional Assay (FN)	-	1 Publication

Product Specific Information

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

Applications Reported: This JES3-9D7 antibody has been reported for use in flow cytometric analysis, and intracellular staining followed by flow cytometric analysis.
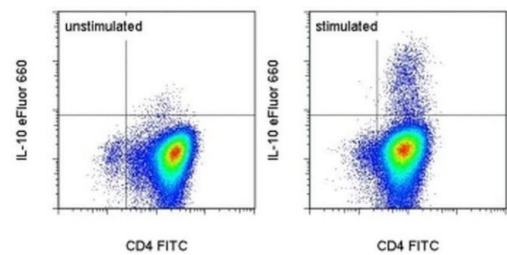
Applications Tested: This JES3-9D7 antibody has been pre-titrated and tested by intracellular staining anf flow cytometryci analysis of Th2 polarized and stimulated human peripheral blood cells. This can be used at 5 µL (0.125 µg) per test. A test is defined as the amount (µg) of antibody that will stain a cell sample in a final volume of 100 µL. Cell number should be determined empirically but can range from 10^5 to 10^8 cells/test.

eFluor® 660 is a replacement for Alexa Fluor® 647. eFluor® 660 emits at 659 nm and is excited with the red laser (633 nm). Please make sure that your instrument is capable of detecting this fluorochome.

Excitation: 633-647 nm; Emission: 668 nm; Laser: Red Laser.

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Filtration: 0.2 μm post-manufacturing filtered.

Product Images For IL-10 Monoclonal Antibody (JES3-9D7), eFluor™ 660, eBioscience™

IL-10 Antibody (50-7108-42) in Flow
CD4+ human peripheral blood cells were polarized under Th2 conditions then were unstimulated (left) or stimulated for 5 hours with Cell Stimulation Cocktail (plus protein transport inhibitors) (Product # 00-4975-03). Cells were intracellularly stained with Anti-Human CD4 FITC (Product # 11-0049-42) and Anti-Human IL-10 eFluor® 660 using the Fixation & Permeabilization Buffers (Product # 88-8824-00). Total viable cells were used for analysis.

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Immunohistochemistry (2)

Saudi journal of biological sciences

Histological changes of cervical tumours following *Zanthoxylum acanthopodium* DC treatment, and its impact on cytokine expression.

"Published figure using IL-10 monoclonal antibody (Product # 50-7108-42) in Immunohistochemistry"

Authors: Simanullang RH,Situmorang PC,Herlina M,Silalahi B,Manurung SS

Year
2022

Laboratory investigation; a journal of technical methods and pathology

Functional expression of aryl hydrocarbon receptor on mast cells populating human endometriotic tissues.

"Published figure using IL-10 monoclonal antibody (Product # 50-7108-42) in ELISA"

Authors: Mariuzzi L,Domenis R,Orsaria M,Marzinotto S,Londero AP,Bulfoni M,Candotti V,Zanello A,Ballico M,Mimmi MC,Calcagno A,Marchesoni D,Di Loreto C,Beltrami AP,Cesselli D,Gri G

Year
2016

Species
Human

Flow Cytometry (8)

Journal of cardiovascular development and disease

Circulating Regulatory B-Lymphocytes in Patients with Acute Myocardial Infarction: A Pilot Study.

"Published figure using IL-10 monoclonal antibody (Product # 50-7108-42) in Flow Cytometry"

Authors: Volodarsky I,Shimoni S,Haberman D,Mirkin V,Fabrikant Y,Yoskovich Mashriki T,Zalik A,George J

Year
2022

Journal of inflammation research

Altered T-Cell Subsets are Associated with Dysregulated Cytokine Secretion of CD4^{+} T Cells During HIV Infection.

"Published figure using IL-10 monoclonal antibody (Product # 50-7108-42) in Flow Cytometry"

Authors: Wang D,Jiang Y,Song Y,Zeng Y,Li C,Wang X,Liu Y,Xiao J,Kong Y,Zhao H

Year
2022

View more Flow references on thermofisher.com

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ELISA (4)   FN (1)

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