

IL-10 Monoclonal Antibody (JES3-9D7), eFluor™ 450, eBioscience™

Product Details	
Size	100 Tests
Species Reactivity	Human
Published Species	Human, Rhesus monkey
Host/Isotype	Rat / IgG1, kappa
Recommended Isotype Control	Rat IgG1 kappa Isotype Control (eBRG1), eFluor™ 450, eBioscience™
Class	Monoclonal
Type	Antibody
Clone	JES3-9D7
Conjugate	eFluor™ 450
Excitation/Emission Max	405/445 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_10548941

Applications	Tested Dilution	Publications
Immunohistochemistry (IHC)	-	2 Publications
Flow Cytometry (Flow)	5 µL (1 µg)/test	9 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 intracellular staining followed by flow cytometric analysis.

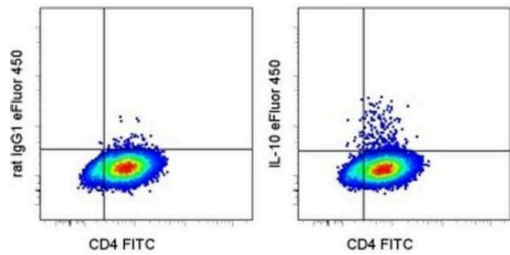
Applications Tested: This JES3-9D7 antibody has been pre-titrated and tested by intracellular staining and flow cytometric analysis of Th2 polarized human peripheral blood cells using the Intracellular Fixation & Permeabilization Buffer Set (cat. 88-8824) and protocol. Please refer to Best Protocols: Protocol A: Two step protocol for (cytoplasmic) intracellular proteins located under the Resources Tab online. This can be used at 5 µL (1 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.

eFluor® 450 is an alternative to Pacific Blue®. eFluor® 450 emits at 445 nm and is excited with the Violet laser (405 nm). Please make sure that your instrument is capable of detecting this fluorochoime.

Excitation: 405 nm; Emission: 445 nm; Laser: Violet Laser.

Filtration: 0.2 µm post-manufacturing filtered.

Product Images For IL-10 Monoclonal Antibody (JES3-9D7), eFluor™ 450, eBioscience™



IL-10 Antibody (48-7108-42) in Flow
Intracellular staining of Th2-polarized and re-stimulated (in the presence of Brefeldin A) human peripheral blood cells with Anti-Human CD4 FITC (Product # 11-0049-42) and Rat IgG1 K Isotype Control eFluor® 450 (Product # 48-4301-82) (left) or Anti-Human IL-10 eFluor® 450 (right) using the Intracellular Fixation & Permeabilization Buffer Set (Product # 88-8824-00) and protocol. Total viable cells were used for analysis.

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Immunohistochemistry (2)

<p>Saudi journal of biological sciences</p> <p>Histological changes of cervical tumours following <i>Zanthoxylum acanthopodium</i> DC treatment, and its impact on cytokine expression.</p> <p>"Published figure using IL-10 monoclonal antibody (Product # 48-7108-42) in Immunohistochemistry"</p> <p>Authors: Simanullang RH,Situmorang PC,Herlina M,Silalahi B,Manurung SS</p>	<p>Year 2022</p>
<p>Laboratory investigation; a journal of technical methods and pathology</p> <p>Functional expression of aryl hydrocarbon receptor on mast cells populating human endometriotic tissues.</p> <p>"Published figure using IL-10 monoclonal antibody (Product # 48-7108-42) in Immunofluorescence"</p> <p>Authors: Mariuzzi L,Domenis R,Orsaria M,Marzinotto S,Londero AP,Bulfony M,Candotti V,Zanello A,Ballico M,Mimmi MC,Calcagno A,Marchesoni D,Di Loreto C,Beltrami AP,Cesselli D,Gri G</p>	<p>Year 2016</p> <p>Species Human</p>

Flow Cytometry (9)

<p>Journal of cardiovascular development and disease</p> <p>Circulating Regulatory B-Lymphocytes in Patients with Acute Myocardial Infarction: A Pilot Study.</p> <p>"Published figure using IL-10 monoclonal antibody (Product # 48-7108-42) in Flow Cytometry"</p> <p>Authors: Volodarsky I,Shimoni S,Haberman D,Mirkin V,Fabrikant Y,Yoskovich Mashriki T,Zalik A,George J</p>	<p>Year 2022</p>
<p>Journal of inflammation research</p> <p>Altered T-Cell Subsets are Associated with Dysregulated Cytokine Secretion of CD4⁺ T Cells During HIV Infection.</p> <p>"Published figure using IL-10 monoclonal antibody (Product # 48-7108-42) in Flow Cytometry"</p> <p>Authors: Wang D,Jiang Y,Song Y,Zeng Y,Li C,Wang X,Liu Y,Xiao J,Kong Y,Zhao H</p>	<p>Year 2022</p>

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ELISA (4) FN (1)

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