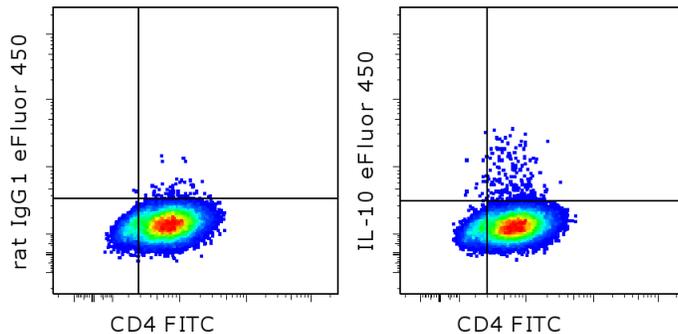


Anti-Human IL-10 eFluor[®] 450

Catalog Number: 48-7108

Also known as: Interleukin-10, IL10

RUO: For Research Use Only. Not for use in diagnostic procedures.



Intracellular staining of Th2-polarized and re-stimulated (in the presence of Brefeldin A) human peripheral blood cells with Anti-Human CD4 FITC (cat. 11-0049) and Rat IgG1 K Isotype Control eFluor[®] 450 (cat. 48-4301) (left) or Anti-Human IL-10 eFluor[®] 450 (right). Total viable cells were used for analysis.

Product Information



Contents: Anti-Human IL-10 eFluor[®] 450

Catalog Number: 48-7108

Clone: JES3-9D7

Concentration: 5 μ L (1 μ g)/test

Host/Isotype: Rat IgG1, kappa



Formulation: aqueous buffer, 0.09% sodium azide, may contain carrier protein/stabilizer

Temperature Limitation: Store at 2-8°C. Do not freeze. Light sensitive material.

Batch Code: Refer to vial



Use By: Refer to vial

Contains sodium azide

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. This can be used at 5 μ L (1 μ g) per test. A test is defined as the amount (μ g) of antibody that will stain a cell sample in a final volume of 100 μ L. Cell number should be determined empirically but can range from 10^5 to 10^8 cells/test.

eFluor[®] 450 is a replacement for Pacific Blue[®]. eFluor[®] 450 emits at 456 nm and is excited with the Violet laser (405 nm). Please make sure that your instrument is capable of detecting this fluorochrome.

References

Nowacki TM, Kuerten S, Zhang W, Shive CL, Kreher CR, Boehm BO, Lehmann PV, Tary-Lehmann M. Granzyme B production distinguishes recently activated CD8(+) memory cells from resting memory cells. *Cell Immunol.* 2007 May;247(1):36-48. (**JES3-9D7**, ELISPOT, PubMed)

Sendide K, Deghmane AE, Pechkovsky D, Av-Gay Y, Talal A, Hmama Z. Mycobacterium bovis BCG attenuates surface expression of mature class II molecules through IL-10-dependent inhibition of cathepsin S. *J Immunol.* 2005 Oct 15;175(8):5324-32. (**JES3-9D7**, FA, PubMed)

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Chandler SW, Rassekh CH, Rodman SM, Ducatman BS. Immunohistochemical localization of interleukin-10 in human oral and pharyngeal carcinomas. Laryngoscope. 2002 May;112(5):808-15. (**JES3-9D7**, IHC paraffin)

Abrams JS, Roncarolo MG, Yssel H, Andersson U, Gleich GJ, Silver JE. Strategies of anti-cytokine monoclonal antibody development: immunoassay of IL-10 and IL-5 in clinical samples. Immunol Rev. 1992 Jun;127:5-24.

Related Products

00-4975 Cell Stimulation Cocktail (plus protein transport inhibitors) (500X)

11-0049 Anti-Human CD4 FITC (RPA-T4)

48-4301 Rat IgG1 K Isotype Control eFluor[®] 450

88-8823 Fixation & Permeabilization Buffers

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