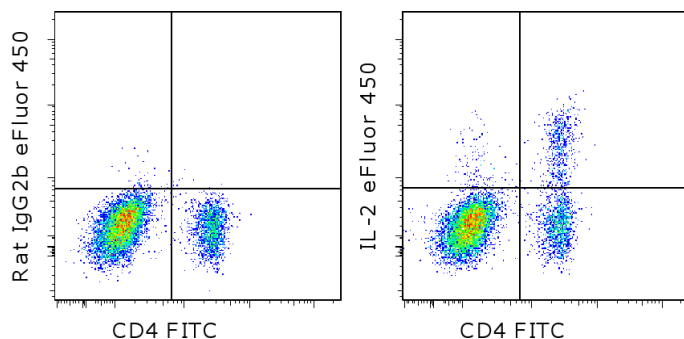


Anti-Mouse IL-2 eFluor[®] 450

Catalog Number: 48-7021

Also known as: Interleukin-2

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



Intracellular staining of PMA/ionomycin stimulated mouse splenocytes with Anti-Mouse CD4 FITC (cat. 11-0042) and 0.25 μ g of Rat IgG2b K Isotype Control eFluor[®] 450 (cat. 48-4031) (left) or 0.25 μ g of Anti-Mouse IL-2 eFluor[®] 450 (right). Cells in the lymphocyte gate were used for analysis.

Product Information



Contents: Anti-Mouse IL-2 eFluor[®] 450

Catalog Number: 48-7021

Clone: JES6-5H4

Concentration: 0.2 mg/mL

Host/Isotype: Rat IgG2b, 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

Description

The JES6-5H4 antibody reacts with mouse interleukin-2 (IL-2), a 17 kDa T cell growth factor and a major immunoregulatory cytokine.

Applications Reported

This JES6-5H4 antibody has been reported for use in intracellular staining followed by flow cytometric analysis.

Applications Tested

This JES6-5H4 antibody has been tested by intracellular staining and flow cytometric analysis of stimulated mouse splenocytes. This can be used at less than or equal to 0.5 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. It is recommended that the antibody be carefully titrated for optimal performance in the assay of interest.

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

Finkelman FD, Morris SC. Development of an assay to measure in vivo cytokine production in the mouse. *Int Immunol.* 1999 Nov;11(11):1811-8.

Sander B, Höidén I, Andersson U, Möller E, Abrams JS. Similar frequencies and kinetics of cytokine producing cells in murine peripheral blood and spleen. Cytokine detection by immunoassay and intracellular immunostaining. *J Immunol Methods.* 1993 Dec 3;166(2):201-14.

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.

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Related Products

11-0042 Anti-Mouse CD4 FITC (RM4-5)

48-4031 Rat IgG2b K Isotype Control eFluor[®] 450

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