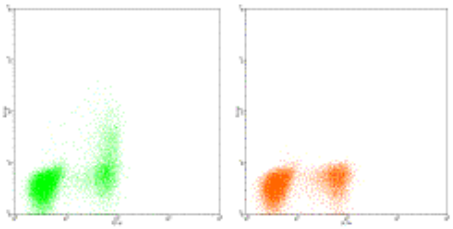
full spectrum cell analysis®
eBioscience®

Anti-Mouse IL-2 PE

Catalog Number: 12-7021
Also Known As: Interleukin-2
RUO: For Research Use Only. Not for use in diagnostic procedures.



Left: Intracellular staining of 6-hour PMA and Ionomycin-activated mouse splenocytes with Anti-Mouse IL-2 PE and surface staining of Anti-Mouse CD3e FITC (cat. 11-0031). Right: Anti-Mouse IL-2 PE staining blocked with Anti-Mouse IL-2 Purified.

Product Information

Contents: Anti-Mouse IL-2 PE
REF **Catalog Number:** 12-7021
Clone: JES6-5H4
Concentration:
(ug): 0.2 mg/mL
(test*): 5 uL (0.25 ug)/test
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.
LOT **Batch Code:** Refer to Vial
Use By: Refer to Vial
Caution, contains Azide

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

JES6-5H4 has been reported for use in intracellular flow cytometric analysis.

Applications Tested

This JES6-5H4 antibody is offered in 2 formats:

- µg size: has been tested ny intracellular staining of 6-hour PMA and Ionomycin-activated mouse splenocytes. This can be used at less than or equal to 0.5 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. 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 ny intracellular staining of 6-hour PMA and Ionomycin-activated mouse splenocytes. This can be used at 5 µL (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 10^5 to 10^8 cells/test.

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.

Related Products

11-0031 Anti-Mouse CD3e FITC (145-2C11)
12-4031 Rat IgG2b K Isotype Control PE

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