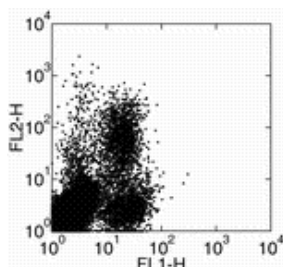


Anti-Mouse IL-2 Purified

Catalog Number: 14-7021

Also Known As: Interleukin-2

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



Staining of mouse splenocytes were stimulated with PMA/Ionomycin in the presence of Brefeldin A for 5 hours with Anti-Mouse CD4 FITC (cat. 11-0041) and intracellularly stained with Anti-Mouse IL-2 PE.

Product Information

Contents: Anti-Mouse IL-2 Purified

REF **Catalog Number:** 14-7021

Clone: JES6-5H4

Concentration: 0.5 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.



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

The purified JES6-5H4 has been reported for use in blocking of fluorochrome conjugated JES6-5H4 in intracellular flow cytometry experiments to serve as specificity control. JES6-5H4 is reported for detection of mouse IL-2 by ELISA, immunoprecipitation, and for neutralizing IL-2 binding and biological activity (use Functional Grade purified).

Applications Tested

The JES6-5H4 antibody has been tested by sandwich ELISA for detection of mouse IL-2 in combination with JES6-1A12 and can be used between 0.5-2 µg/ml.

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

11-0041 Anti-Mouse CD4 FITC (GK1.5)

13-4813 Anti-Rat IgG Biotin (Polyclonal)

14-4031 Rat IgG2b K Isotype Control Purified

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