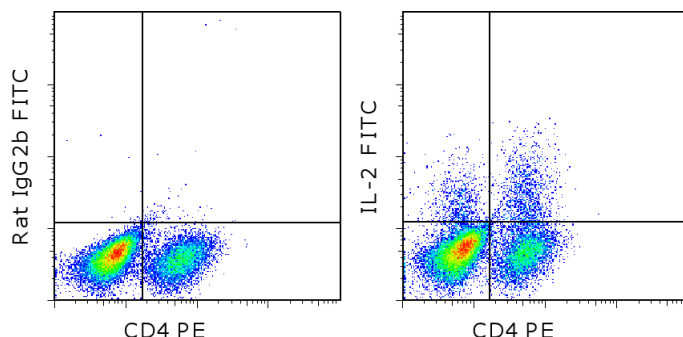


## Anti-Mouse IL-2 FITC

**Catalog Number:** 11-7021

**Also known as:** Interleukin-2

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



Mouse splenocytes were stimulated with PMA/Ionomycin in the presence of Monensin (cat. 00-4505) for 5 hours. The cells were surface stained with Anti-Mouse CD3e PE (cat. 12-0031) and intracellularly stained with 0.25  $\mu$ g of Rat IgG2b K Isotype Control FITC (cat. 11-4031) (left) or 0.25  $\mu$ g of Anti-Mouse IL-2 FITC (right).

### Product Information



**Contents:** Anti-Mouse IL-2 FITC

**Catalog Number:** 11-7021

**Clone:** JES6-5H4

**Concentration:**  $\mu$ g size: 0.5 mg/mL; test size: Suffix -41, 5  $\mu$ L (0.25  $\mu$ g)/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.

**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 staining and flow cytometric analysis.

### Applications Tested

The JES6-5H4 is offered in 2 formats:

- $\mu$ g size: has been tested by intracellular staining and flow cytometric analysis and can be used at less than or equal to 0.5  $\mu$ g per test. A test is defined as the amount ( $\mu$ g) of antibody that will stain a cell sample in a final volume of 100  $\mu$ 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.

- test size: has been pre-titrated and tested by intracellular staining and flow cytometric analysis. Refer to catalog number suffix on the vial for amount to use per test: -41 is 5  $\mu$ L (0.25  $\mu$ g) per test. A test is defined as the amount ( $\mu$ g) of antibody that will stain a cell sample in a final volume of 100  $\mu$ L. 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.

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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**

00-4505 Monensin Solution (1000X)

11-4031 Rat IgG2b K Isotype Control FITC

12-0031 Anti-Mouse CD3e PE (145-2C11)

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