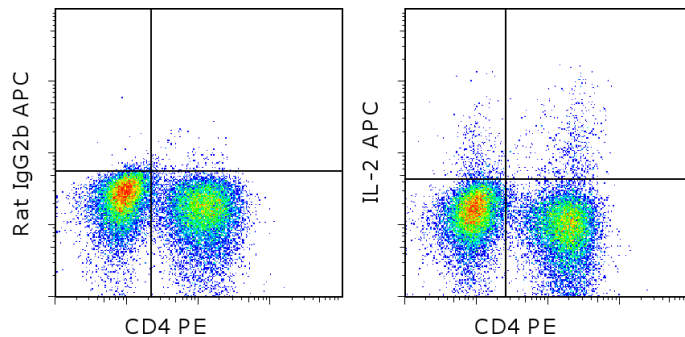


## Anti-Mouse IL-2 APC

**Catalog Number:** 17-7021

**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, then surface stained with Anti-Mouse CD4 PE (cat. 12-0041), followed by intracellular staining with with 0.125 ug of Rat IgG2b K Isotype Control APC (cat. 17-4031) (left) or 0.125 ug of Anti-Mouse IL-2 APC (right). Total viable cells were used for analysis.

### Product Information



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

**Catalog Number:** 17-7021

**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

**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 has been tested intracellular staining of stimulated mouse splenocytes. This can be used at less than or equal to 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<sup>5</sup> to 10<sup>8</sup> cells/test. It is recommended that the antibody be carefully titrated for optimal performance in the assay of interest.

### 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, Höidé 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

00-8222 IC Fixation Buffer

00-8333 Permeabilization Buffer (10X)

12-0041 Anti-Mouse CD4 PE (GK1.5)

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## Anti-Mouse IL-2 APC

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17-4031 Rat IgG2b K Isotype Control APC  
88-8823 Fixation & Permeabilization Buffers

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