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## Anti-Mouse IL-2 Functional Grade Purified

**Catalog Number:** 16-7021

**Also Known As:** Interleukin-2

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

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### Product Information

**Contents:** Anti-Mouse IL-2 Functional Grade Purified

 **Catalog Number:** 16-7021

**Clone:** JES6-5H4

**Concentration:** 1 mg/mL

**Host/Isotype:** Rat IgG2b, kappa


**Handling Conditions:** Use in sterile environment.

**Endotoxin Level:** Less than 0.001 ng/ug antibody, as determined by the LAL assay.

**Formulation:** aqueous buffer, no sodium azide

 **Temperature Limitation:** Store at 2-8°C.

 **Batch Code:** Refer to Vial

 **Use By:** Refer to Vial

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### 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 functional grade 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.

### 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, Höiden 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

16-4031 Rat IgG2b K Isotype Control Functional Grade Purified

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