



CELL LAB Rat Anti-Mouse IL-2

<u>Cat. No.</u>	<u>Form</u>	<u>Quantity</u>
731791	Purified (UNLB) Antibody	0.5 mg

For Laboratory Use Only

DESCRIPTION

Clone: JES6-5H4
Immunogen: *E. coli*-expressed recombinant human IL-2
Isotype: Rat IgG2b κ
Specificity: Mouse Interleukin-2 (IL-2)¹⁻⁴ (This is a neutralizing antibody).

APPLICATIONS

Enzyme-Linked Immunosorbent Assay (ELISA): JES6-5H4 monoclonal antibody is useful as the detection antibody in a sandwich ELISA for quantifying mouse IL-2 protein levels.¹⁻³ Purified JES6-5H4 antibody may be paired with biotinylated JES6-1A12 (Cat. No. 731790) as the detection antibody.

CHARACTERIZATION

To ensure lot-to-lot consistency, each batch of product is tested to conform with characteristics of a standard reference reagent using a sandwich ELISA.

WORKING DILUTIONS

Other Applications: Since applications vary, determine the optimum working dilution of the product that is appropriate for your specific needs.

HANDLING AND STORAGE

- The purified (UNLB) antibody is supplied as 0.5 mg of purified immunoglobulin in 1.0 mL of 100 mM borate buffered saline, pH 8.2. No preservatives or amine-containing buffer salts added.
- Reagent is stable until the expiration date on the vial when stored at 2-8°C.

STATEMENT OF WARNINGS

1. Specimens, samples and all material coming in contact with them should be handled as if capable of transmitting infection and disposed of with proper precautions.
2. Never pipet by mouth and avoid contact of samples with skin and mucous membranes.
3. Do not use reagent beyond the expiration date on the vial label.
4. Avoid microbial contamination of reagent or erroneous results may occur.
5. Use Good Laboratory Practice (GLP) when handling this reagent.

TRADEMARKS

The Beckman Coulter logo is a trademark of Beckman Coulter, Inc.
For additional information or if damaged product is received, contact your local Beckman Coulter Representative.

REFERENCES

1. Abrams JS, Roncarolo MG, Yssel H, Andersson U, Gleich GJ, and Silver JE. 1992. Strategies of anti-cytokine monoclonal antibody development: Immunoassay of IL-10 and IL-5 in clinical samples. *Immunol Rev*, 127:5-24.
2. Sander B, Hoiden I, Andersson U, Moller E, and Abrams J. 1993. Similar frequencies and kinetics of cytokine producing cells in murine peripheral blood and sera. *J Immunol Meth*, 166:201-214.
3. Abrams J. "Immunoenzymetric assay of mouse and human cytokines using NIP-labeled anti-cytokine antibodies," published in *Current Protocols in Immunology*, eds., J Coligan, A Kruisbeek, D Margulies, E Shevach, and W Strober (New York: John Wiley and Sons. Unit 6.20, 1997).



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Beckman Coulter, Inc.
4300 N. Harbor Blvd.
Fullerton, CA 92835
www.beckmancoulter.com

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