



CELL LAB Rat Anti-Human IL-5

<u>Cat. No.</u>	<u>Form</u>	<u>Quantity</u>
731757	Purified (UNLB) Antibody	0.5 mg

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

DESCRIPTION

Clone: JES1-5A10
Immunogen: COS-expressed recombinant human IL-5
Isotype: Rat IgG2 α
Specificity: Human Interleukin-5 (IL-5)¹⁻⁴

APPLICATIONS

Enzyme-Linked Immunosorbent Assay (ELISA) Detection: The JES1-5A10 monoclonal antibody is useful as a capture antibody in a sandwich ELISA for quantifying human IL-5 protein levels.¹⁻⁵ Purified JES1-5A10 antibody may be paired with Biotinylated JES1-39D10 (Cat. No. 731759) as detection antibody, with purified recombinant human IL-5 as the standard.

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.
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