



CELL LAB Rat Anti-Human IL-13

<u>Cat. No.</u>	<u>Form</u>	<u>Quantity</u>
731772	Purified (UNLB) Antibody	0.5 mg

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

DESCRIPTION

Clone: JES10-35G12
Immunogen: COS-expressed recombinant human IL-13
Isotype: Rat IgG2 α
Specificity: Human Interleukin-13 (IL-13)^{1,2} (This is a neutralizing antibody).

APPLICATIONS

Enzyme-Linked Immunosorbent Assay (ELISA) Capture: JES10-35G12 monoclonal antibody is useful as a capture antibody in a sandwich ELISA for quantifying human IL-13 protein levels.^{1,2} Purified JES10-35G12 antibody should be paired with biotinylated JES10-2E10 antibody (Cat. No. 731775) as the detection antibody, with purified recombinant human IL-13 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

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For additional information or if damaged product is received, contact your local Beckman Coulter Representative.

REFERENCES

1. McKenzie A and Zurawski G. "Measurement of IL-13," 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 6.18, 1994.)
2. 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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