



CELL LAB Mouse Anti-Human IFN- γ

<u>Cat. No.</u>	<u>Form</u>	<u>Quantity</u>
731749	Purified (UNLB) Antibody	0.5 mg

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

DESCRIPTION

Clone: A35
Immunogen: *E. coli*-expressed recombinant human IFN- γ
Isotype: Mouse IgG1 κ
Specificity: Human Interferon- γ (IFN- γ)¹⁻² This is a neutralizing antibody. A35 monoclonal antibody has been used for epitope mapping of human IFN- γ .¹ The A35 antibody does not bind to denatured IFN- γ .¹

APPLICATIONS

Enzyme-Linked Immunosorbent Assay (ELISA) Capture: A35 monoclonal antibody is useful as a capture antibody in a sandwich ELISA for quantifying human IFN- γ protein levels.^{1,2} Purified A35 antibody should be paired with biotinylated B27 antibody (Cat. No. 731751) as the detection antibody, with purified recombinant human IFN- γ 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. Favre C, Wijdenes J, Cabrillat H, Djossou O, Banchereau J, and de Vries JE. 1989. Epitope mapping of recombinant human gamma interferon using monoclonal antibodies. *Molec Immunol*, 26:17-25.
2. 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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