



Mouse Anti-Human IFN- γ

Cat. No.	Form	Quantity
10113-01	Purified (UNLB) Antibody	0.5 mg

DESCRIPTION

CLONE	A35
IMMUNOGEN	<i>E. coli</i> -expressed recombinant human IFN- γ
ISOTYPE	Mouse IgG ₁ 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 .

RESEARCH APPLICATIONS

ELISA Capture: A35 monoclonal antibody is useful as a capture antibody³ 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. 10114-08) as the detection antibody, with purified recombinant human IFN- γ as the standard.

Since applications vary, each investigator should determine the optimal concentration appropriate for individual applications.

CHARACTERIZATION

To ensure acceptable performance, each batch of product is tested in a sandwich ELISA to conform to characteristics of a standard reference reagent.

HANDLING AND STORAGE

- The purified (UNLB) antibody is supplied as 0.5 mg purified immunoglobulin in 1.0 mL of 100 mM borate buffered saline, pH 8.2. *No preservatives or amine-containing buffer salts added.* Store at 2-8°C.
- Reagents are stable for the period shown on the label if stored as directed.

REFERENCES

1. Favre, C., J. Wijdenes, H. Cabrillat, O. Djossou, J. Banchereau, and J.E. de Vries. 1989. Epitope mapping of recombinant human gamma interferon using monoclonal antibodies. *Molec. Immunol.* 26:17-25.
2. Abrams, J.S., M.-G. Roncarolo, H. Yssel, U. Andersson, G.J. Gleich, and J.E., Silver. 1992. Strategies of anti-cytokine monoclonal antibody development: Immunoassay of IL-10 and IL-5 in clinical samples. *Immunol. Rev.* 127:5-24.
3. Paliard, X., De Wall Malefijit, R., Yssel, H., Blanchard, D., Chretien, I., Abrams, J., de Vries, J., and Spits, H. 1988. Simultaneous production of IL-2, IL-4, and IFN- γ by activated Human CD4⁺ and CD8⁺ T cell clones. *J. Immunol.* 141:849-855.

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