



Mouse Anti-Human IFN- γ Monoclonal Antibody, Clone 4B21 (CABT-JXM13C)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Specificity	Human IFN- γ
Immunogen	Recombinant Human IFN- γ protein
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	Human
Clone	4B21
Purification	Protein A purified
Conjugate	Unconjugated
Applications	ELISA (Cap), CLIA, FC We recommend the following as antibody pair (Capture - Detection): CABT-JXM13C - CABT-JXM13D Each laboratory should determine an optimum working titer for use in its particular application. Other applications have not been tested but use in such assays should not necessarily be excluded.
Format	Liquid
Concentration	Lot specific
Size	1 mg
Buffer	10 mM Phosphate Buffered Saline, pH 7.4

Preservative	None
Storage	Short Term: 2-8°C. Long Term: -20°C. Avoid repeated freezing and thawing.
Ship	Wet ice

BACKGROUND

Introduction	Interferon- γ (IFN- γ) has immunomodulatory effects, which can activate macrophages, express histocompatibility antigens, and mediate local inflammatory responses. Low dose of INF could enhance the humoral and cellular immune functions. It could activate the cytotoxicity of macrophages and increase the activities of NK cells, Tc cells and LAK cells. An inhibitory effect was produced at higher doses. IFN- γ is a type I interferon secreted by a variety of cells, which can activate cells, promote the expression of major histocompatibility antigens and inhibit virus replication.
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