



Mouse Anti-Human IL-5 Monoclonal Antibody, Clone GM-6-9 (CABT-JXM11D)

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

PRODUCT INFORMATION

Specificity	Human IL-5
Immunogen	Recombinant Human IL-5 protein
Isotype	IgG2a
Source/Host	Mouse
Species Reactivity	Human
Clone	GM-6-9
Purification	Protein A purified
Conjugate	Unconjugated
Applications	ELISA (Det), CLIA, FC We recommend the following as antibody pair (Capture - Detection): CABT-JXM11C - CABT-JXM11D 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	Interleukin-5 (IL-5) is a signal peptide consisting of 134 amino acid residues, 22 amino acid residues, and 2 glycosylation sites. It plays an important role in the expression of glycosylation activity and binding to the corresponding receptors. It usually exists as a dimer linked by a disulfide bond. IL-5 has a relatively narrow spectrum of biological activity compared to other IL. IL-5 promotes the differentiation of antigen-stimulated B cells into plasma cells promotes IgA synthesis in conjunction with ConA or IL-2, it induces the differentiation of thymic killer T cell precursor (CTPp) into CTL. Prolongs the survival time of mature eosinophils; It stimulates the function of human and mouse eosinophils and induces the differentiation of eosinophils.
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