



# Mouse Anti-Human IL-5 Monoclonal Antibody, Clone GM-6-6 (CABT-JXM11C)

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

## PRODUCT INFORMATION

<b>Specificity</b>	Human IL-5
<b>Immunogen</b>	Recombinant Human IL-5 protein
<b>Isotype</b>	IgG2a
<b>Source/Host</b>	Mouse
<b>Species Reactivity</b>	Human
<b>Clone</b>	GM-6-6
<b>Purification</b>	Protein A purified
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	<p>ELISA (Cap), CLIA, FC</p> <p>We recommend the following as antibody pair (Capture - Detection): CABT-JXM11C - CABT-JXM11D</p> <p>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.</p>
<b>Format</b>	Liquid
<b>Concentration</b>	Lot specific
<b>Size</b>	1 mg
<b>Buffer</b>	10 mM Phosphate Buffered Saline, pH 7.4

<b>Preservative</b>	None
<b>Storage</b>	Short Term: 2-8°C. Long Term: -20°C. Avoid repeated freezing and thawing.
<b>Ship</b>	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.