

## Human IL-4 Mouse mAb PE conjugated

Catalog No: #C92935P

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## Description

Product Name	Human IL-4 Mouse mAb PE conjugated
Brief Description	Mouse Monoclonal
Host Species	Mouse
Clonality	Monoclonal
Purification	affinity purified by Protein G.
Applications	FC
Species Reactivity	Human
Target Name	IL4
Uniprot	P05112
GeneID	3565
Concentration	1mg/ml
Formulation	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
Storage	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

## Application Details

FC 10ul/Test

## Background

The protein encoded by this gene is a pleiotropic cytokine produced by activated T cells. This cytokine is a ligand for interleukin 4 receptor. The interleukin 4 receptor also binds to IL13, which may contribute to many overlapping functions of this cytokine and IL13. STAT6, a signal transducer and activator of transcription, has been shown to play a central role in mediating the immune regulatory signal of this cytokine. This gene, IL3, IL5, IL13, and CSF2 form a cytokine gene cluster on chromosome 5q, with this gene particularly close to IL13. This gene, IL13 and IL5 are found to be regulated coordinately by several long-range regulatory elements in an over 120 kilobase range on the chromosome. Two alternatively spliced transcript variants of this gene encoding distinct isoforms have been reported. [provided by RefSeq, Jul 2008].

Note: This product is for in vitro research use only