

# PE Rat anti-Mouse IL-4 mAb

**Catalog No.: A27617**

## Basic Information

### Observed MW

### Calculated MW

16kDa

### Category

Primary antibody

### Applications

FC (intra)

### Cross-Reactivity

Mouse

### CloneNo number

ATC0055

### Conjugate

PE. Ex:565nm. Em:574nm.

## Recommended Dilutions

**FC (intra)**       $\leq 0.125 \mu\text{g}$  per million cells in 100  $\mu\text{l}$  volume

## Background

Enables cytokine activity. Involved in several processes, including innate immune response in mucosa; negative regulation of white fat cell proliferation; and regulation of gene expression. Acts upstream of or within several processes, including T-helper cell differentiation; positive regulation of macromolecule metabolic process; and regulation of leukocyte activation. Located in external side of plasma membrane and extracellular space. Is expressed in several structures, including brain; colon; hemolymphoid system; liver; and placenta. Used to study Sjogren's syndrome; atopic dermatitis; and type 1 diabetes mellitus. Human ortholog(s) of this gene implicated in several diseases, including asthma (multiple); autoimmune disease (multiple); hepatitis B; hepatitis C; and pancreatic cancer (multiple). Orthologous to human IL4 (interleukin 4).

## Immunogen Information

### Gene ID

16189

### Swiss Prot

P07750

### Immunogen

Synthetic peptide. This information is considered to be commercially sensitive.

### Synonyms

IL-4; BSF-1

## Contact

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## Product Information

### Source

Rat

### Isotype

Rat / IgG1, kappa

### Purification

Affinity purification

### Storage

Store at 4°C. Avoid freeze.

Buffer: PBS with 0.09% Sodium azide, pH7.2.