

PE 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.

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).

Recommended Dilutions

FC (intra) ≤0.125 µg per million cells in 100 µl volume

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.