

ABflo® 488 Rat anti-Mouse IL-4 mAb

Catalog No.: A27619

Basic Information

Observed MW

Calculated MW

16kDa

Category

Primary antibody

Applications

FC (intra)

Cross-Reactivity

Mouse

CloneNo number

ATC0055

Conjugate

ABflo® 488. Ex:491nm. Em:516nm.

Recommended Dilutions

FC (intra) ≤1 µg per million cells in
100 µl volume

Contact

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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

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.