

PE Rabbit anti-Mouse/Human GATA3 mAb

Catalog No.: A27637

Basic Information

Observed MW

Calculated MW

48kDa

Category

Primary antibody

Applications

FC (intra)

Cross-Reactivity

Mouse, Human

CloneNo number

ARC74321

Conjugate

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

Recommended Dilutions

FC (intra) ≤0.25 µg per million cells
in 100 µl volume

Background

GATA-3 is a transcription factor belonging to the GATA family, which binds to the consensus DNA sequence (A/T)GATA(A/G), controlling various tissue-specific programs of gene expression and morphogenesis. It is widely expressed in tissues derived from the mesoderm and endoderm. GATA-3 has been proven to be an essential regulatory factor for immune cell function, the development of sympathetic neurons, and the maintenance of the differentiation state of epithelial cells.

Immunogen Information

Gene ID

14462

Swiss Prot

P23772

Immunogen

Recombinant protein (or fragment). This information is considered to be commercially sensitive.

Synonyms

jal; Gata-3

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

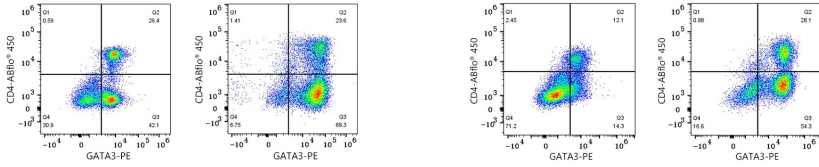
Affinity purification

Storage

Store at 2-8°C. Avoid freeze.

Buffer: PBS with 0.09% Sodium azide, 0.2% BSA, pH7.3.

Validation Data



Flow cytometry: 1×10^6 Human PBMC (untreated, left) and Human PBMC (treated with 50ng/ml PMA + 1 μ g/ml Ionomycin + 2 μ M Monensin for 6 hours, right) were surface-stained with ABflo® 450 Rabbit anti-Human/Monkey CD4 mAb (A26523, 5 μ l/Test), then intracellularly-stained PE Rabbit anti-Mouse/Human GATA3 mAb (A27637, 0.25 μ g). Cells in the lymphocyte gate were used for analysis.

Flow cytometry: 1×10^6 C57BL/6 mouse splenocytes (untreated, left) and C57BL/6 mouse splenocytes (treated with 50ng/ml PMA + 1 μ g/ml Ionomycin + 2 μ M Monensin for 6 hours, right) were surface-stained with ABflo® 450 Rabbit anti-Mouse CD4 mAb (A25941, 5 μ l/Test), then intracellularly-stained PE Rabbit anti-Mouse/Human GATA3 mAb (A27637, 0.25 μ g).