

ABflo® 594 Rabbit anti-Mouse CD127/IL-7R α mAb

Catalog No.: A24790

Basic Information

Observed MW

Calculated MW

51kDa

Category

Primary antibody

Applications

FC

Cross-Reactivity

Mouse

CloneNo number

ARC63550-ABflo594

Conjugate

ABflo® 594. Ex:588nm. Em:604nm.

Recommended Dilutions

FC 5 μ l per 10^6 cells in
100 μ l volume

Background

Interleukin-7 is a glycoprotein involved in the regulation of lymphopoiesis. Response of cells to IL7 is dependent on the presence of the interleukin 7 receptor (IL7R); the active receptor is a alpha/gamma chain heterodimer. The gamma(c) chain, which also associates with the interleukin-2 receptor, serves primarily to activate signal transduction by the IL7R complex, while the alpha chain of IL7R determines specific signaling events through its association with cytoplasmic signaling molecules.

Immunogen Information

Gene ID

16197

Swiss Prot

P16872

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 21-239 of mouse CD127/IL-7R α (NP_612564.1).

Synonyms

CD127; IL-7Ralpha

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

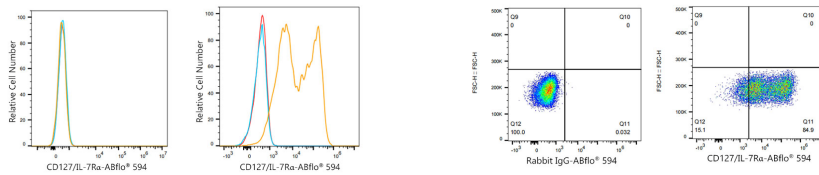
Affinity purification

Storage

Store at 2-8°C. Avoid freeze.

Buffer: PBS with 0.03% proclin300,0.2% BSA,pH7.3.

Validation Data



Flow cytometry: 1X10⁶ 293T cells (negative control, left) and 293T (Transfection, right) cells were surface-stained with ABflo® 594 Rabbit anti-Mouse CD127/IL-7Rα mAb (A24790, 5 µl/Test, orange line) or ABflo® 594 Rabbit IgG isotype control (A23821, 5 µl/Test, blue line). Non-fluorescently stained cells were used as blank control (red line).

Flow cytometry: 1X10⁶ 293T (Transfection) cells were surface-stained with ABflo® 594 Rabbit IgG isotype control (A23821, 5 µl/Test, left) or ABflo® 594 Rabbit anti-Mouse CD127/IL-7Rα mAb (A24790, 5 µl/Test, right).