

A24790

Leader in Biomolecular Solutions for Life Science



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

Catalog No.: A24790

Basic Information

Observed MW

Calculated MW
51kDa

Category

SMab Recombinant Monoclonal Antibody

Applications

FC

Cross-Reactivity

Mouse

CloneNo number

ARC63550-ABflo594

Conjugate

ABflo® 594. Ex:588nm. Em:604nm.

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.

Recommended Dilutions

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

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-7R α

Contact



www.abclonal.com

Product Information

Source
Rabbit

Isotype
IgG

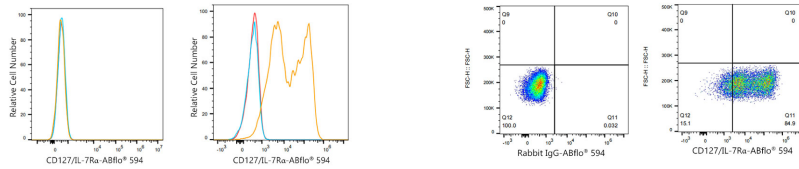
Purification
Affinity purification

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-7Ra 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-7Ra mAb (A24790, 5 µl/Test, right).