

ABflo® 488 Rabbit anti-Mouse CD127/IL-7Rα mAb

Catalog NO.: A24788

Basic Information

Observed MW

Calculated MW

51kDa

Category

Monoclonal Antibodies

Applications

FC

Cross-Reactivity

Mouse

Conjugation

ABflo® 488. Ex:491nm. Em:516nm.

Clone number

ARC63550

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 µl per 10⁶ cells in 100 µl volume

Immunogen Information

Gene ID

16197

Swiss Prot

P16872

Immunogen

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

Synonyms

CD127; IL-7Ralpha

Contact

Product Information

☒		order@abclonal.com
☒		service@abclonal.com
☒		www.abclonal.com

Source

Rabbit

Isotype

IgG

Purification

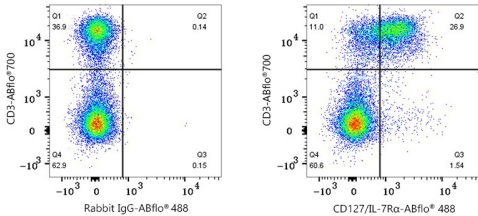
Affinity purification

Storage

Store at 2-8°C. Avoid freeze.

Buffer: PBS containing 0.2% BSA, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

Validation Data



Flow cytometry:1X10⁶ C57BL/6 mouse splenocytes were surface-stained with ABflo® 700 Rat anti-Mouse CD3 mAb (A27432,5 µl/Test) and ABflo® 488 Rabbit IgG isotype control (A22069,5 µl/Test,left) or ABflo® 488 Rabbit anti-Mouse CD127/IL-7Rα mAb (A24788,5 µl/Test,right).

