

PerCP/Cyanine5.5 Rabbit anti-Mouse CD127/IL-7Rα mAb

Catalog NO.: A27439

Basic Information

Observed MW

Calculated MW

51kDa

Category

Monoclonal Antibodies

Applications

FC

Cross-Reactivity

Mouse

Conjugation

PerCP-Cy5.5. Ex:482nm. Em:695nm.

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

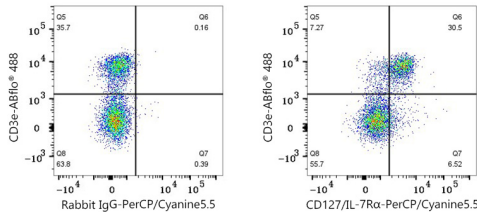
Contact

Product Information

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Source	Isotype	Purification
Rabbit	IgG	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:1X10⁶ C57BL/6 mouse splenocytes were surface-stained with ABflo® 488 anti-Mouse CD3e mAb (A26899,5 µl/Test) and PerCP/Cyanine5.5 Rabbit IgG isotype control (A25620,5 µl/Test,left) or PerCP/Cyanine5.5 Rabbit anti-Mouse CD127/IL-7Rα mAb (A27439,5 µl/Test,right).

