

For Research Use Only

# APC Anti-Mouse CD127 (IL-7Ra) (A7R34)



Catalog Number: **APC-65093**

## Basic Information

Catalog Number:

APC-65093

Size:

100ug, 0.2 mg/ml

Source:

Rat

Isotype:

IgG2a

GenBank Accession Number:

BC089571

GeneID (NCBI):

16197

Full Name:

interleukin 7 receptor

Purification Method:

Affinity purification

CloneNo.:

A7R34

Excitation/Emission maxima  
wavelengths:

650 nm / 660 nm

## Applications

Tested Applications:

FC

Species Specificity:

Mouse

## Background Information

CD127, also known as IL-7R subunit alpha (IL-7R $\alpha$ ), is a type I membrane glycoprotein expressed on thymocytes, B cell precursors, most T cells, and some lymphoid and myeloid cells (PMID: 8415665). IL-7R is a heterodimer composed of CD127 and IL-2R $\gamma$  (CD132), which is a common gamma chain shared by the receptors of various cytokines, including interleukins 2, 4, 7, 9, and 15 (PMID: 8266077; 9862091). IL-7R plays critical roles in lymphocyte development and homeostasis (PMID: 26336149). CD127 can also act as a receptor for thymic stromal lymphopoietin (TSLP) (PMID: 10974032).

## Storage

Storage:

Store at 2-8°C. Avoid exposure to light.

Storage Buffer:

Phosphate based buffer with 0.09% sodium azide and 0.1% gelatin, pH 7.2.

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## Selected Validation Data



1X10<sup>6</sup> C57BL/6 mouse splenocytes were surface stained with 0.25 ug FITC-Anti-Mouse CD3 (FITC-65077, clone 17A2) and 0.25 ug APC-Anti-Mouse CD127 (IL-7Ra) (APC-65093, clone A7R34). Cells were not fixed.



1X10<sup>6</sup> C57BL/6 mouse splenocytes were surface stained with 0.25 ug FITC-Anti-Mouse CD3 (FITC-65077, clone 17A2) and 0.25 ug APC-rat IgG2a isotype control. Cells were not fixed.