

For Research Use Only

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



Catalog Number: **FITC-65093**

## Basic Information

<b>Catalog Number:</b> FITC-65093	<b>GenBank Accession Number:</b> BC089571	<b>Purification Method:</b> Affinity purification
<b>Size:</b> 100ug, 0.5 mg/ml	<b>GeneID (NCBI):</b> 16197	<b>CloneNo.:</b> A7R34
<b>Source:</b> Rat	<b>Full Name:</b> interleukin 7 receptor	<b>Excitation/Emission maxima wavelengths:</b> 494 nm / 520 nm
<b>Isotype:</b> IgG2a		

## Applications

**Tested Applications:**  
FC

**Species Specificity:**  
Mouse

## Background Information

CD127, also known as IL-7R subunit alpha (IL-7Ra), 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

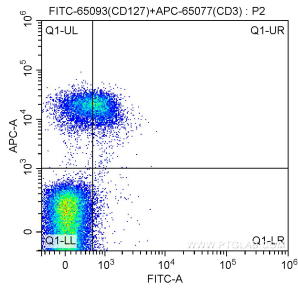
**Storage:**  
Store at 2-8°C. Avoid exposure to light.

**Storage Buffer:**  
Phosphate based buffer with 0.09% sodium azide and 0.1% gelatin, pH 7.2.

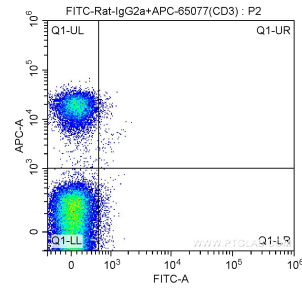
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)      E: proteintech@ptglab.com  
W: ptglab.com

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## Selected Validation Data



1X10<sup>6</sup> C57BL/6 mouse splenocytes were surface stained with APC-Anti-Mouse CD3 (APC-65077, clone 17A2) and 1.00 ug FITC-Anti-Mouse CD127 (IL-7Ra) (FITC-65093, clone A7R34). Cells were not fixed.



1X10<sup>6</sup> C57BL/6 mouse splenocytes were surface stained with APC-Anti-Mouse CD3 (APC-65077, clone 17A2) and 1.00 ug FITC-rat IgG2a isotype control. Cells were not fixed.