

For Research Use Only

CoraLite® Plus 647 Anti-Mouse CD127 (IL-7Ra) (A7R34)



Catalog Number: **CL647-65093**

Basic Information

Catalog Number:

CL647-65093

Size:

100ug, 0.5 mg/ml

Source:

Rat

Isotype:

IgG2a, kappa

GenBank Accession Number:

BC089571

GeneID (NCBI):

16197

UNIPROT ID:

P16872

Full Name:

interleukin 7 receptor

Purification Method:

Affinity purification

CloneNo.:

A7R34

Excitation/Emission maxima wavelengths:

654 nm / 674 nm

Applications

Tested Applications:

FC

Species Specificity:

Mouse

Background Information

CD127, also known as IL-7R subunit alpha (IL-7R α), 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 γ (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. Stable for one year after shipment.

Storage Buffer:

PBS with 0.1% sodium azide and 0.5% BSA, pH 7.3.

For technical support and original validation data for this product please contact:

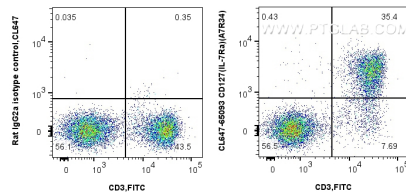
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



1X10⁶ C57BL/6 mouse splenocytes were surface co-stained with FITC Plus Anti-Mouse CD3 (17A2) and 0.5 ug CoraLite® Plus 647 Anti-Mouse CD127 (IL-7Ra) (CL647-65093, Clone: A7R34) or 0.5 ug CoraLite® Plus 647 Rat IgG2a Isotype Control (2A3). Cells were not fixed.