

For Research Use Only

CoraLite® Plus 488 Anti-Mouse CD127 (IL-7Ra) (A7R34)



Catalog Number: **CL488-65093**

Basic Information

Catalog Number: CL488-65093	GenBank Accession Number: BC089571	Purification Method: Affinity purification
Size: 100ug, 0.5 mg/ml	GeneID (NCBI): 16197	CloneNo.: A7R34
Source: Rat	Full Name: interleukin 7 receptor	Excitation/Emission maxima wavelengths: 493 nm / 522 nm
Isotype: IgG2a, kappa		

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 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

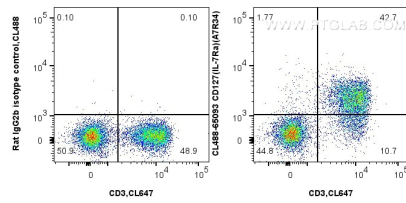
Storage:
Store at 2-8°C. Avoid exposure to light. Stable for one year after shipment.

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:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
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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 mouse splenocytes were surface co-stained with CoraLite® Plus 647 Anti-Mouse CD3 (17A2) and 1 ug CoraLite® Plus 488 Anti-Mouse CD127 (IL-7Ra) (CL488-65093, Clone: A7R34) or 1 ug CoraLite® Plus 488 Rat IgG2a Isotype Control (2A3) (CL488-65209, Clone: 2A3). Cells were not fixed.