

For Research Use Only

Anti-Mouse IL-7Ra/CD127 (A7R34)

Catalog Number: 65093-1-Ig



Basic Information

| | | |
|--------------------------------------|----------------------------------------------|------------------------------------------------------|
| Catalog Number: 65093-1-Ig | GenBank Accession Number: BC089571 | Purification Method: Affinity purification |
| Size: 500ug , 0.5 mg/ml | GeneID (NCBI): 16197 | CloneNo.: A7R34 |
| Source: Rat | UNIPROT ID: P16872 | |
| Isotype: IgG2a, kappa | Full Name: interleukin 7 receptor | |

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

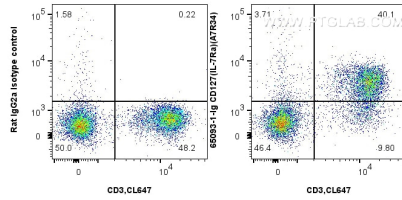
Storage:
Store at 2-8°C. Stable for one year after shipment.

Storage Buffer:
PBS with 0.09% sodium azide.

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
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Selected Validation Data



1x10⁶ mouse splenocytes were surface stained with 0.5 ug Anti-Mouse CD127 (IL-7Ra) (65093-1-Ig, Clone: A7R34) or 0.5 ug Rat IgG2a Isotype Control (2A3) (65209-1-Ig, Clone: 2A3) and FITC anti-rat IgG2a Antibody at dilution 1:100. Cells were co-stained with CoraLite® Plus 647 Anti-Mouse CD3 (17A2) (CL647-65077, Clone: 17A2). Cells were not fixed.