

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-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. 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:

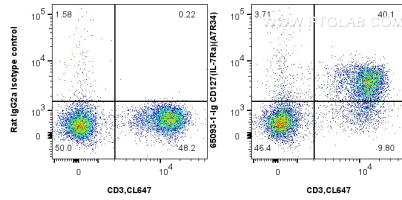
T: 4006900926

E: Proteintech-CN@ptglab.com

W: ptgcn.com

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 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.