

For Research Use Only

CoraLite® Plus 647 Anti-Mouse IL-7Ra/CD127 Rabbit Recombinant Antibody

Catalog Number: CL647-98385



Basic Information

Catalog Number: CL647-98385	GenBank Accession Number: NM_008372.4	Purification Method: Protein A purification
Size: 100ug , 500 ug/ml	GeneID (NCBI): 16197	CloneNo.: 242852B4
Source: Rabbit	UNIPROT ID: P16872	Recommended Dilutions: FC: 0.25 ug per 10 ⁶ cells in a 100 µl suspension
Isotype: IgG	Full Name: interleukin 7 receptor	Excitation/Emission maxima wavelengths: 654 nm / 674 nm
Immunogen Catalog Number: EG1826	Calculated MW: 52 kDa	

Applications

Tested Applications: FC	Positive Controls: FC : mouse splenocytes,
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 0.09% sodium azide, pH7.3

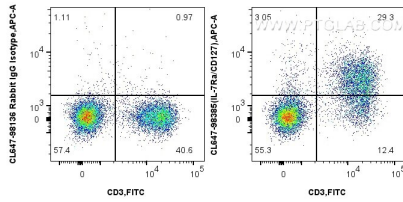
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

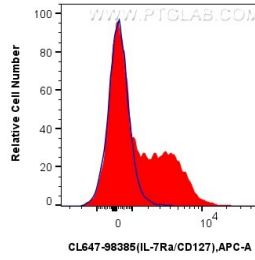
E: proteintech@ptglab.com
W: ptglab.com

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 FITC Plus Anti-Mouse CD3, and 0.25 ug CoraLite® Plus 647 Anti-Mouse IL-7Ra/CD127 Rabbit RecAb (CL647-98385, Clone: 242852B4) or CoraLite® Plus 647 Rabbit IgG Isotype Control RecAb (CL647-98136, Clone: 240953C9). Cells were not fixed.



1x10⁶ mouse splenocytes were surface stained with 0.25 ug CoraLite® Plus 647 Anti-Mouse IL-7Ra/CD127 Rabbit RecAb (CL647-98385, Clone: 242852B4) (red) or CoraLite® Plus 647 Rabbit IgG Isotype Control RecAb (CL647-98136, Clone: 240953C9) (blue). Cells were not fixed.