

For Research Use Only

PE-Cyanine5 Anti-Human IL-7Ra/CD127 Rabbit Recombinant Antibody

Catalog Number: PY5-98074



Basic Information

Catalog Number:

PY5-98074

Size:

100 tests, 5 ul/test

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

EG1279

GenBank Accession Number:

AAC83204.1

GeneID (NCBI):

3575

ENSEMBL Gene ID:

ENSG00000168685

UNIPROT ID:

P16871-1(I66T, V138I)

Full Name:

interleukin 7 receptor

Calculated MW:

52 kDa

Purification Method:

Protein A purification

CloneNo.:

240749H2

Recommended Dilutions:

FC: 5 ul per 10^6 cells in a 100 μ l suspension

Excitation/Emission maximum wavelengths:

496 nm, 565 nm / 666 nm

Applications

Tested Applications:

FC

Species Specificity:

human

Positive Controls:

FC : human PBMCs,

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. IL-7R is a heterodimer composed of CD127 and the common- γ chain receptor (CD132). IL-7R plays critical roles in lymphocyte development and homeostasis. CD127 can also act as a receptor for thymic stromal lymphopoietin (TSLP).

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 and 0.5% BSA, pH7.3

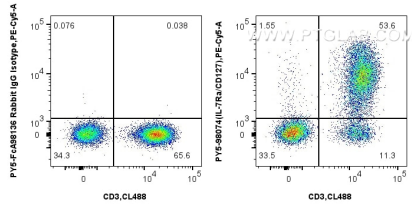
For technical support and original validation data for this product please contact:

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

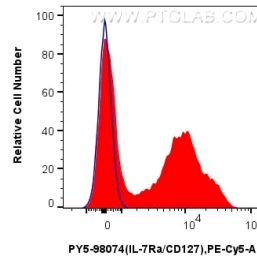
E: proteintech@ptglab.com
W: ptglab.com

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

Selected Validation Data



1x10⁶ human PBMCs were surface stained with CoraLite® Plus 488 Anti-Human CD3, and 5 ul PE-Cyanine5 Anti-Human IL-7Ra/CD127 Rabbit RecAb (PY5-98074, Clone: 240749H2) or FcZero-rAb® PE-Cyanine5 Rabbit IgG Isotype Control Recombinant Antibody (PY5-FcA98136, Clone: 240953C9). Cells were incubated with FC Receptor Block prior to staining. Cells were not fixed.



1x10⁶ human PBMCs were surface stained with 5 ul PE-Cyanine5 Anti-Human IL-7Ra/CD127 Rabbit RecAb (PY5-98074, Clone: 240749H2) (red) or FcZero-rAb® PE-Cyanine5 Rabbit IgG Isotype Control Recombinant Antibody (PY5-FcA98136, Clone: 240953C9) (blue). Cells were incubated with FC Receptor Block prior to staining. Cells were not fixed.