

For Research Use Only

PE Anti-Human IL-15RA Rabbit Recombinant Antibody

Catalog Number: PE-98380-3



Basic Information

Catalog Number:

PE-98380-3

Size:

100 tests, 5 ul/test

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

BC107777

GeneID (NCBI):

3601

UNIPROT ID:

Q13261

Full Name:

interleukin 15 receptor, alpha

Calculated MW:

231 aa, 24 kDa

Purification Method:

Protein A purification

CloneNo.:

242689E1

Recommended Dilutions:

FC: 5 ul per 10⁶ cells in a 100 µl suspension

Excitation/Emission maxima wavelengths:

496 nm, 565 nm / 578 nm

Applications

Tested Applications:

FC

Species Specificity:

human

Positive Controls:

FC : LPS and IFN-γ treated human PBMCs,

Background Information

Interleukin-15 (IL-15) is a pleiotropic cytokine that plays an important role in both innate and adaptive immunity. IL-15 is mainly produced by activated monocytes, macrophages and dendritic cells, and is structurally similar to IL-2 (PMID: 8178155; 12401478). These two cytokines share the same IL-2/15Rβ and common γ-chain receptor subunits. In addition, IL-2 and IL-15 have their own private α-chain receptor subunit, IL-2Rα and IL-15Rα, respectively (PMID: 7641685). The IL-15Rα chain is expressed by many cell types including monocytes, DCs, NK, T cells and fibroblasts. Several isoforms of IL-15Rα exist and are generated either by alternative splicing or by proteolytic cleavage (PMID: 10480910; 15265897).

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

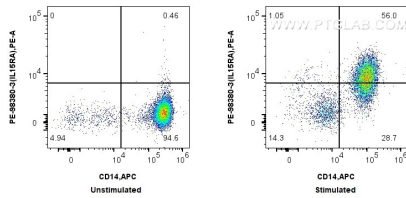
For technical support and original validation data for this product please contact:

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

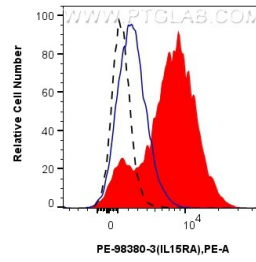
E: proteintech@ptglab.com
W: ptglab.com

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

Selected Validation Data



1x10⁶ untreated or LPS and IFN- γ treated human PBMCs were surface stained with APC Anti-Human CD14 and 5 μ l PE Anti-Human IL-15RA Rabbit RecAb (PE-98380-3, Clone:242689E1). Cells were not fixed.



1x10⁶ LPS and IFN- γ treated human PBMCs were surface stained with 5 μ l PE Anti-Human IL15RA Rabbit RecAb (PE-98380-3, Clone: 242689E1) (red) or PE Rabbit IgG Isotype Control RecAb (PE-98136, Clone: 240953C9) (blue). 1x10⁶ untreated human PBMCs were surface stained with 5 μ l PE Anti-Human IL15RA Rabbit RecAb (PE-98380-3, Clone: 242689E1) (black, dashed). Cells were not fixed.