Anti-Mouse IL-15RA Rabbit Recombinant Antibody

Catalog Number:98406-2-RR

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Basic Information

Catalog Number: 98406-2-RR	**GenBank Accession Number:** NM_008358.2	**Purification Method:** Protein A purification
Size: 100ug , 1000 µg/ml	**GeneID (NCBI):** 16169	**CloneNo.:** 242618B9
Source: Rabbit	**UNIPROT ID:** Q60819-1	
Isotype: IgG	**Full Name:** interleukin 15 receptor, alpha chain	
Immunogen Catalog Number: EG2687	**Calculated MW:** 28 kDa	

Applications

Tested Applications:
FC

Species Specificity:
mouse

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).
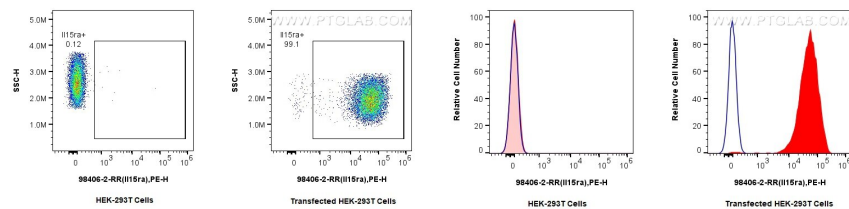
Storage

Storage:
Store at 2 - 8℃. Stable for one year after shipment.
Storage Buffer:
PBS with 0.09% sodium azide, pH7.3

Selected Validation Data

1x10^6 HEK-293T cells or IL-15RA transfected HEK-293T cells were surface stained with 0.25 ug Anti-Mouse IL-15RA Rabbit RecAb (98406-2-RR, Clone: 242618B9) and PE-Conjugated Goat Anti-Rabbit IgG(H+L). Cells were not fixed.

1x10^6 HEK-293T cells or IL-15RA-transfected HEK-293T cells were surface stained with 0.25 ug Anti-Mouse IL-15RA Rabbit RecAb (98406-2-RR, Clone: 242618B9) and PE-Conjugated Goat Anti-Rabbit IgG(H+L) (red) or 0.25 ug Rabbit IgG Isotype Control RecAb (98136-1-RR, Clone: 240953C9) (blue). Cells were not fixed.