

For Research Use Only

Anti-Human IL-5RA/CD125 Rabbit Recombinant Antibody

Catalog Number: 98338-1-RR



Basic Information

Catalog Number:

98338-1-RR

Size:

100ug, 1000 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

EG1665

GenBank Accession Number:

NM_175726.4

GeneID (NCBI):

3568

UNIPROT ID:

Q01344-1

Full Name:

interleukin 5 receptor, alpha

Calculated MW:

48 kDa

Purification Method:

Protein A purification

CloneNo.:

242234C8

Recommended Dilutions:

FC: 0.25 ug per 10⁶ cells in a 100 µl suspension

Applications

Tested Applications:

FC

Species Specificity:

human

Positive Controls:

FC : human peripheral blood leukocytes,

Background Information

Interleukin-5 receptor subunit alpha (IL-5RA), also known as CD125, is a type I transmembrane protein that belongs to the type I cytokine receptor family. IL-5RA is a critical component of the high-affinity IL-5 receptor complex, IL-5R, which consists of the alpha chain (IL-5RA) that specifically binds to IL-5 and the common beta chain (CD131) shared with receptors for IL-3 and GM-CSF (PMID: 1833065; 7872157). IL-5/IL-5RA signaling axis is crucial for the differentiation, proliferation, recruitment, and activation of eosinophils, and is also involved in pathological eosinophilia (PMID: 34638583).

Storage

Storage:

Store at 2 - 8°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.09% sodium azide, pH7.3

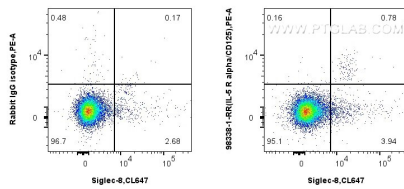
For technical support and original validation data for this product please contact:

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 human peripheral blood leukocytes were surface stained with 0.25 ug Anti-Human IL-5RA/CD125 Rabbit RecAb (98338-1-RR, Clone:242234C8) or 0.25 ug Rabbit IgG Isotype Control RecAb (98136-1-RR, Clone: 240953C9), and PE-Conjugated Goat Anti-Rabbit IgG(H+L). Cells were then stained with CoraLite® Plus 647 Anti-Human Siglec-8 Rabbit Recombinant Antibody (CL647-98177, Clone: 241275A5). CD11b+ cells were pre-gated for analysis. Cells were not fixed.

