

For Research Use Only

IL-5RA/CD125 Recombinant antibody

Catalog Number: 84948-5-RR



Basic Information

Catalog Number:

84948-5-RR

Concentration:

1000 ug/ml

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

NM_175726.4

GeneID (NCBI):

3568

UNIPROT ID:

Q01344-1

Full Name:

interleukin 5 receptor, alpha

Calculated MW:

48 kDa

Observed MW:

60 kDa

Purification Method:

Protein A purification

CloneNo.:

242234H8

Recommended Dilutions:

WB 1:500-1:2000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human

Positive Controls:

WB : human peripheral blood platelets,

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 α , 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 -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

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

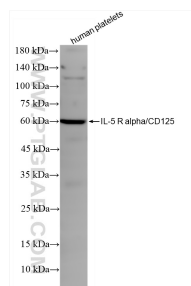
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



human peripheral blood platelets were subjected to SDS PAGE followed by western blot with 84948-5-RR (IL-5 R alpha/CD125 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.