

For Research Use Only

IL-5RA Polyclonal antibody

Catalog Number: 12655-1-AP

2 Publications



Basic Information

Catalog Number:

12655-1-AP

Size:

150ul , Concentration: 500 ug/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG3358

GenBank Accession Number:

BC027599

GeneID (NCBI):

3568

UNIPROT ID:

Q01344

Full Name:

interleukin 5 receptor, alpha

Calculated MW:

48 kDa, 38 kDa

Observed MW:

70-75 kDa, 43 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:1000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human

Cited Species:

human

Positive Controls:

WB : human peripheral blood platelets, Jurkat cells

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).

Notable Publications

Author	Pubmed ID	Journal	Application
Delphine Giusti	31019514	Front Immunol	
Sébastien Conus	20542323	J Allergy Clin Immunol	

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

*** 20ul sizes contain 0.1% BSA

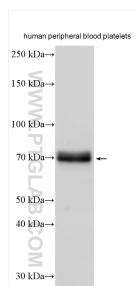
For technical support and original validation data for this product please contact:

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



human peripheral blood platelets were subjected to SDS PAGE followed by western blot with 12655-1-AP (IL-5RA antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.