

For Research Use Only

IL-5RA Polyclonal antibody, PBS Only

Catalog Number: 12655-1-PBS



Basic Information

Catalog Number:

12655-1-PBS

Concentration:

1 mg/ml

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

Applications

Tested Applications:

WB, Indirect ELISA

Species Specificity:

human

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 -80°C.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:

PBS Only

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

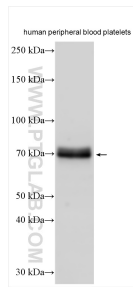
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E: Proteintech-CN@ptglab.com

W: ptgcn.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. This data was developed using the same antibody clone with 12655-1-PBS in a different storage buffer formulation.