

For Research Use Only

IL-5 Polyclonal antibody

Catalog Number: 30416-1-AP



Basic Information

Catalog Number:

30416-1-AP

Concentration:

500 ug/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

EG0380

GenBank Accession Number:

BC066282

GeneID (NCBI):

3567

UNIPROT ID:

P05113

Full Name:

interleukin 5 (colony-stimulating factor, eosinophil)

Calculated MW:

134 aa, 15 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:1000-1:4000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human

Positive Controls:

WB : Recombinant protein,

Background Information

Interleukin-5 (IL-5) is a pleiotropic cytokine primarily produced by activated T helper 2 (Th2) cells, mast cells, and group 2 innate lymphoid cells (ILC2s). It plays a critical role in the regulation of eosinophil proliferation, differentiation, and activation, making it a key mediator in allergic inflammation, parasitic infections, and certain autoimmune diseases.

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

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

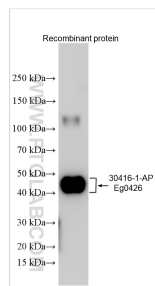
T: 4006900926

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 IL-5 Recombinant protein (Cat No. Eg2406) was subjected to SDS PAGE followed by western blot with 30416-1-AP (IL-5 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.