

For Research Use Only

IL-5 Polyclonal antibody

Catalog Number: 30416-1-AP



Basic Information

Catalog Number: 30416-1-AP	GenBank Accession Number: BC066282	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 500 µg/ml by Nanodrop;	GeneID (NCBI): 3567	Recommended Dilutions: WB 1:1000-1:4000
Source: Rabbit	UNIPROT ID: P05113	
Isotype: IgG	Full Name: interleukin 5 (colony-stimulating factor, eosinophil)	
Immunogen Catalog Number: EG0380	Calculated MW: 134 aa, 15 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : Recombinant protein,
Species Specificity: human	

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

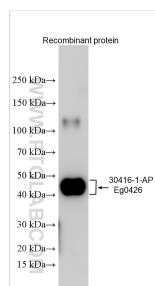
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

*** 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
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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.