

For Research Use Only

IL3RA/CD123 Polyclonal antibody

Catalog Number: 30012-1-AP



Basic Information

Catalog Number: 30012-1-AP	GenBank Accession Number: NM_008369	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 500 ug/ml by Nanodrop;	GeneID (NCBI): 16188	Recommended Dilutions: WB 1:500-1:1000 IF-P 1:50-1:500
Source: Rabbit	UNIPROT ID: P26952	
Isotype: IgG	Full Name: interleukin 3 receptor, alpha chain	
Immunogen Catalog Number: AG32002	Calculated MW: 43 kDa	
	Observed MW: 43 kDa, 60-70 kDa	

Applications

Tested Applications: WB, IF-P, ELISA	Positive Controls:
Species Specificity: mouse, rat	WB : PC-12 cells, NIH/3T3 cells IF-P : mouse brain tissue,

Background Information

IL-3RA, also named as CD123 and SUT-1, is the alpha subunit of the interleukin 3 (IL-3) receptor, which is part of the type I cytokine receptor superfamily (PMID: 25043189). It can regulate the proliferation, survival, and differentiation of hematopoietic cells. In mouse, there are two classes of high-affinity IL-3 receptors. One contains an IL-3-specific beta subunit and the other contains the beta subunit also shared by high-affinity IL-5 and GM-CSF receptors. This antibody is specific for mouse IL3ra.

Storage

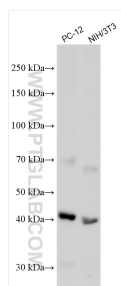
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

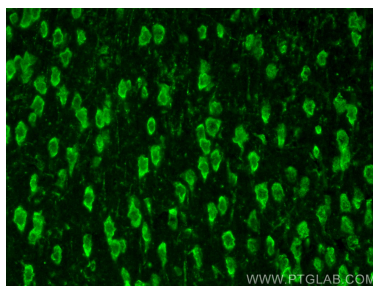
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 30012-1-AP (IL3ra antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (4% PFA) fixed mouse brain tissue using IL3ra antibody (30012-1-AP) at dilution of 1:200 and CoraLite® 488-Conjugated Goat Anti-Rabbit IgG(H+L).