

For Research Use Only

IL-5RA/CD125 Recombinant antibody, PBS Only

Catalog Number: 84948-5-PBS



Basic Information

Catalog Number: 84948-5-PBS	GenBank Accession Number: NM_175726.4	Purification Method: Protein A purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 3568	CloneNo.: 242234H8
Source: Rabbit	UNIPROT ID: Q01344-1	
Isotype: IgG	Full Name: interleukin 5 receptor, alpha	
	Calculated MW: 48 kDa	
	Observed MW: 60 kDa	

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

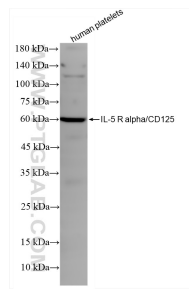
Storage:
Store at -80°C.

Storage Buffer:
PBS Only

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



human peripheral blood platelets were subjected to SDS PAGE followed by western blot with 84948-5-RR (IL-5 R alpha/CD125 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 84948-5-PBS in a different storage buffer formulation.