

For Research Use Only

IL-13R α 1 Recombinant antibody, PBS Only

Catalog Number: 84525-4-PBS



Basic Information

Catalog Number: 84525-4-PBS	GenBank Accession Number: BC009960	Purification Method: Protein A purification
Size: 1 mg/ml	GeneID (NCBI): 3597	CloneNo.: 241834G10
Source: Rabbit	UNIPROT ID: P78552	
Isotype: IgG	Full Name: interleukin 13 receptor, alpha 1	
	Calculated MW: 49 kDa	
	Observed MW: 70-75 kDa	

Applications

Tested Applications:
WB, Indirect ELISA

Species Specificity:
human

Background Information

IL-13 is an immunoregulatory cytokine secreted predominantly by activated T-helper 2 (Th2) cells and performs multiple functions through a complex receptor system comprised of IL-4R α and two IL-13 binding proteins, IL-13R α 1 and IL-13R α 2 (PMID: 12704343). IL-13R α 1 is a glycosylated transmembrane protein (PMID: 10856136; 9723655). IL-13R α 1 is expressed on a wide range of cells including B cells, monocytes, macrophages, basophils, mast cells, and endothelial cells (PMID: 10856136; 31866859). IL-13 binding to the IL-4R α /IL-13R α 1 complex leads to activation of JAK1, JAK2, and TYK2 and subsequent phosphorylation of STAT6 and STAT3 (PMID: 31866859).

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:

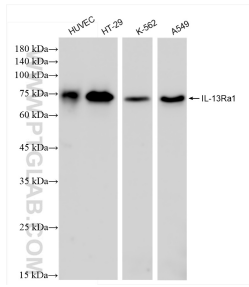
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 84525-4-RR (IL-13Ra 1 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 84525-4-PBS in a different storage buffer formulation.