

For Research Use Only

IL-13Ra1 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: 100ug , Concentration: 1 mg/ml by Nanodrop;	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-4Ra and two IL-13 binding proteins, IL-13Ra1 and IL-13Ra2 (PMID: 12704343). IL-13Ra1 is a glycosylated transmembrane protein (PMID: 10856136; 9723655). IL-13Ra1 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-4Ra/IL-13Ra1 complex leads to activation of JAK1, JAK2, and TYK2 and subsequent phosphorylation of STAT6 and STAT3 (PMID: 31866859).

Storage

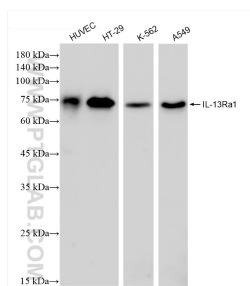
Storage:
Store at -80°C.

Storage Buffer:
PBS Only

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)
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 84525-4-RR (IL-13Ra1 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.