

For Research Use Only

Anti-Human IL-13R α 1/CD213a1 Rabbit Recombinant Antibody

Catalog Number:98216-1-RR



Basic Information

Catalog Number: 98216-1-RR	GenBank Accession Number: BC009960	Purification Method: Protein A purification
Size: 100ug, 1000 μ g/ml	GeneID (NCBI): 3597	CloneNo.: 241834A1
Source: Rabbit	UNIPROT ID: P78552	
Isotype: IgG	Full Name: interleukin 13 receptor, alpha 1	
	Calculated MW: 49 kDa	

Applications

Tested Applications:
FC

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 2 - 8°C. Stable for one year after shipment.

Storage Buffer:
PBS with 0.09% sodium azide, pH 7.3.

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

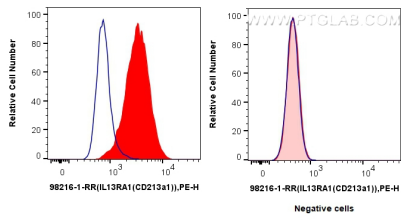
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Selected Validation Data



1x10⁶ MCF-7 cells (left) or Jurkat cells (right) were surface stained with 0.125 ug Anti-Human IL-13Ra1/CD213a1 Rabbit Recombinant Antibody (98216-1-RR, Clone: 241834A1) (red) or Rabbit IgG Isotype Control Recombinant Antibody (98136-1-RR, Clone: 240953C9) (blue), and PE-Conjugated Goat Anti-Rabbit IgG(H+L). Cells were not fixed.