

For Research Use Only

IL-13RA2 Recombinant antibody

Catalog Number: 86298-2-RR



Basic Information

Catalog Number: 86298-2-RR	GenBank Accession Number: BC020739	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 3598	CloneNo.: 250952D10
Source: Rabbit	UNIPROT ID: Q14627	Recommended Dilutions: WB: 1:5000-1:50000
Isotype: IgG	Full Name: interleukin 13 receptor, alpha 2	
Immunogen Catalog Number: EG2579	Calculated MW: 380 aa, 44 kDa	
	Observed MW: 60 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : A375 cells, U-87 MG cells, U-251 cells
Species Specificity: human	

Background Information

IL-13RA2, also named as IL-13R and CD213a2, belongs to the type I cytokine receptor family. It binds as a monomer with high affinity to interleukin-13 (IL13), but not to interleukin-4 (IL4). IL-13RA2 lacks the cytoplasmic domain for signaling, indicating that it acts as a decoy receptor. IL-13RA2 gene polymorphisms have been associated with systemic sclerosis (PMID: 16981293). Overexpression of IL-13RA2 gene has been reported in several types of cancer, including melanoma, lung cancer, and brain tumor, which makes it a potential immunotherapeutic target (PMID: 19895199; 24970476; 24021875).

Storage

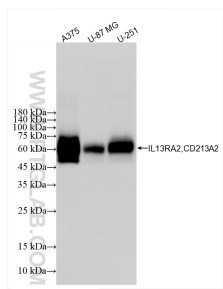
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

*** 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)
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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 86298-2-RR (IL-13RA2 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.