

IL-13RA2 Recombinant monoclonal antibody

Catalog Number: 85631-1-RR

Basic Information

Catalog Number: 85631-1-RR	GenBank Accession Number: NM_008356.4	Purification Method: Protein A purification
Source: Rabbit	GeneID (NCBI): 16165	CloneNo.: 242742F11
Isotype: IgG	UNIPROT ID: O88786-1	Recommended Dilutions: WB: 1:500-1:2000
Immunogen Catalog Number: EG3118	Full Name: interleukin 13 receptor, alpha 2	
	Calculated MW: 44 kDa	
	Observed MW: 65 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls:
Species Specificity: human, mouse, rat	WB : mouse thymus tissue, rat thymus tissue, Daudi cells

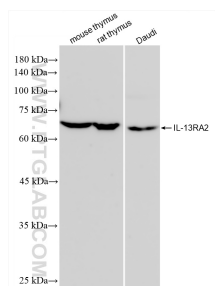
Background Information

IL13RA2, also named as IL13R 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). IL13RA2 lacks the cytoplasmic domain for signaling, indicating that it acts as a decoy receptor. IL13RA2 gene polymorphisms have been associated with systemic sclerosis (PMID: 16981293). Overexpression of IL13RA2 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

Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 85631-1-RR (IL-13RA2 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.