

For Research Use Only

# IL-13RA2 Recombinant monoclonal antibody

Catalog Number: 85631-1-RR



## Basic Information

<b>Catalog Number:</b> 85631-1-RR	<b>GenBank Accession Number:</b> NM_008356.4	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 100ul , Concentration: 1000 µg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 16165	<b>CloneNo.:</b> 242742F11
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> O88786-1	<b>Recommended Dilutions:</b> WB: 1:500-1:2000
<b>Isotype:</b> IgG	<b>Full Name:</b> interleukin 13 receptor, alpha 2	
<b>Immunogen Catalog Number:</b> EG3118	<b>Calculated MW:</b> 44 kDa	
	<b>Observed MW:</b> 65 kDa	

## Applications

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

## 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

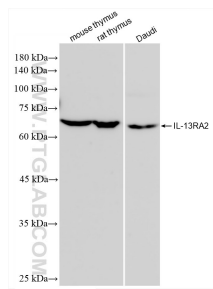
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol, pH7.3  
**Aliquoting is unnecessary for -20°C storage**

\*\*\* 20ul sizes contain 0.1% BSA

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