

For Research Use Only

# IL-13RA2 Recombinant antibody

Catalog Number: 86298-2-RR



## Basic Information

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

## Applications

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|--|--|
| <b>Tested Applications:</b><br>WB, ELISA | <b>Positive Controls:</b><br>WB : A375 cells, U-87 MG cells, U-251 cells |
| <b>Species Specificity:</b><br>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

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

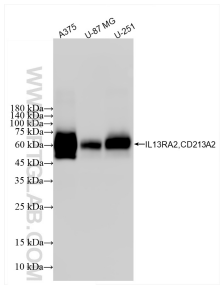
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

# 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.