

For Research Use Only

Mouse IL-13RA2 Recombinant monoclonal antibody, PBS Only

Catalog Number: 85631-1-PBS



Basic Information

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

Applications

Tested Applications:

WB, Indirect ELISA

Species Specificity:

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 -80°C.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:

PBS only, pH7.3

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

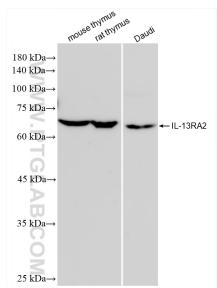
T: 4006900926

E: Proteintech-CN@ptglab.com

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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 85631-1-RR (IL-13RA2 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 85631-1-PBS in a different storage buffer formulation.