

For Research Use Only

Anti-Mouse IL-13RA2 Rabbit Recombinant Antibody

Catalog Number: 98407-3-RR



Basic Information

Catalog Number:

98407-3-RR

Concentration:

100ug, 1000 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

EG3118

GenBank Accession Number:

NM_008356.4

GeneID (NCBI):

16165

UNIPROT ID:

O88786-1

Full Name:

interleukin 13 receptor, alpha 2

Calculated MW:

44 kDa

Purification Method:

Protein A purification

CloneNo.:

242742C4

Applications

Tested Applications:

FC

Species Specificity:

mouse

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 2 - 8°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.09% sodium azide, pH7.3

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

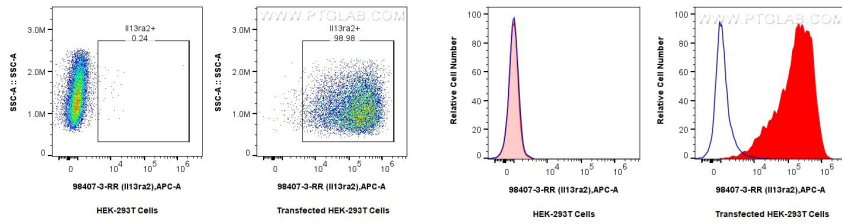
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Selected Validation Data



1x10⁶ HEK-293T cells (left) and IL-13RA2-transfected HEK-293T cells (right) were surface stained with 0.25 ug Anti-Mouse IL-13RA2 Rabbit RecAb (98407-3-RR, Clone: 242742C4) and APC-Conjugated Goat Anti-Rabbit IgG(H+L). Cells were not fixed.

1x10⁶ HEK-293T cells (left) and IL-13RA2-transfected HEK-293T cells (right) were surface stained with 0.25 ug Anti-Mouse IL-13RA2 Rabbit RecAb (98407-3-RR, Clone: 242742C4) (red) or 0.25 ug Rabbit IgG Isotype Control RecAb (98136-2-RR, Clone: 240953A11) (blue), and APC-Conjugated Goat Anti-Rabbit IgG(H+L). Cells were not fixed.