

For Research Use Only

Anti-Mouse IL-17RB Rabbit Recombinant Antibody

Catalog Number: 98455-2-RR



Basic Information

Catalog Number:

98455-2-RR

Concentration:

100ug, 1000 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

EG2798

GenBank Accession Number:

NM_019583.3

GeneID (NCBI):

50905

UNIPROT ID:

Q9JIP3-1

Full Name:

interleukin 17 receptor B

Calculated MW:

56 kDa

Purification Method:

Protein A purification

CloneNo.:

242967D1

Recommended Dilutions:

FC: 0.25 ug per 10⁶ cells in a 100 µl suspension

Applications

Tested Applications:

FC

Species Specificity:

mouse

Positive Controls:

FC : Transfected HEK-293T cells,

Background Information

IL-17RB is a transmembrane protein that belongs to the IL-17 receptor family. IL-17RB has a SEFIR cytoplasmic domain implicated in homotypic dimerization and recruitment of signaling proteins (shared with IL-17RA) and a TRAF6-binding domain (not found in IL-17RA). IL-17RB is expressed in various endocrine tissues and epithelial cells in different organs such as kidney, liver, and mucosal tissues. The IL-17B/IL-17RB pathway is considered as a signaling cascade that promotes cancer cell survival, proliferation and migration. The pro-tumor functions associated with the IL 17B/IL-17RB pathway are diverse and complex because they involve mechanisms that act directly on tumor cells, and also indirect mechanisms that lead to tumor microenvironment remodeling.

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:

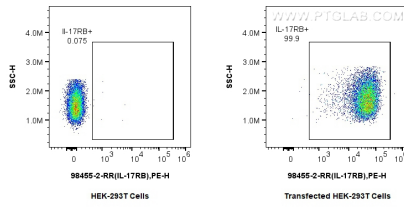
T: 4006900926

E: Proteintech-CN@ptglab.com

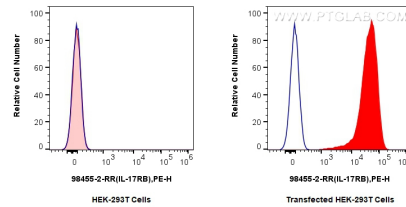
W: ptgcn.com

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

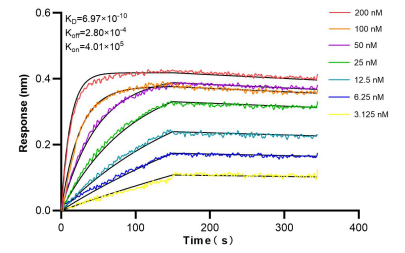
Selected Validation Data



1x10⁶ HEK-293T cells or IL-17RB transfected HEK-293T cells were surface stained with 0.25 ug Anti-Mouse IL-17RB Rabbit RecAb (98455-2-RR, Clone: 242967D1) or 0.25 ug Rabbit IgG Isotype Control RecAb (98136-1-RR, Clone: 240953C9), and PE-Conjugated Goat Anti-Rabbit IgG(H+L). Cells were not fixed.



1x10⁶ HEK-293T cells or IL-17RB transfected HEK-293T cells were surface stained with 0.25 ug Anti-Mouse IL-17RB Rabbit RecAb (98455-2-RR, Clone: 242967D1) (red) or 0.25 ug Rabbit IgG Isotype Control RecAb (98136-1-RR, Clone: 240953C9) (blue), and PE-Conjugated Goat Anti-Rabbit IgG(H+L). Cells were not fixed.



Biolayer interferometry (BLI) kinetic assays of 98455-2-RR against Mouse IL-17RB were performed. The affinity constant is 0.697 nM.