

For Research Use Only

Anti-Mouse IL-17RB Rabbit Recombinant Antibody, PBS Only

Catalog Number: 98455-2-PBS



Basic Information

Catalog Number:

98455-2-PBS

Size:

1mg, 3 mg/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

Applications

Tested Applications:

FC

Species Specificity:

mouse

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 -80°C.

Storage Buffer:

PBS only, pH7.3

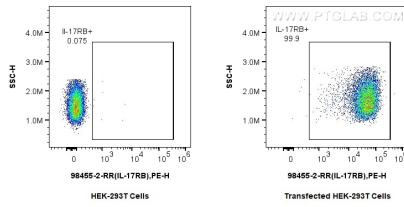
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

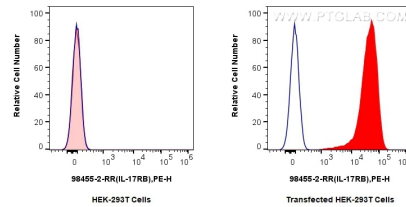
E: proteintech@ptglab.com
W: ptglab.com

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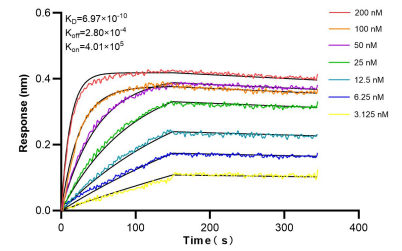
Selected Validation Data



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. This data was developed using the same antibody clone with 98455-2-PBS in a different storage buffer formulation.



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. This data was developed using the same antibody clone with 98455-2-PBS in a different storage buffer formulation.



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