

For Research Use Only

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

Catalog Number: 98455-2-PBS



## Basic Information

<b>Catalog Number:</b> 98455-2-PBS	<b>GenBank Accession Number:</b> NM_019583.3	<b>Purification Method:</b> Protein A purification
<b>Concentration:</b> 1mg, 3 mg/ml	<b>GeneID (NCBI):</b> 50905	<b>CloneNo.:</b> 242967D1
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q9JIP3-1	
<b>Isotype:</b> IgG	<b>Full Name:</b> interleukin 17 receptor B	
<b>Immunogen Catalog Number:</b> EG2798	<b>Calculated MW:</b> 56 kDa	

## 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.  
**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:

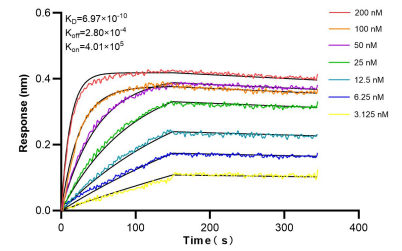
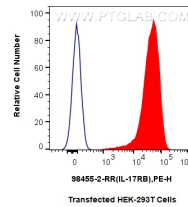
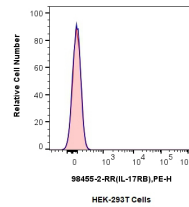
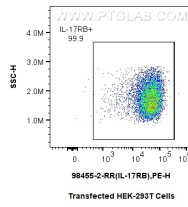
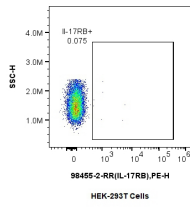
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## Selected Validation Data



1x10<sup>6</sup> 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.

1x10<sup>6</sup> 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.

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