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Datasheet for ABIN7274891  
**IL17 Receptor B Protein (His tag)**

7 Images

Overview

Quantity:	100 µg
Target:	IL17 Receptor B (IL17RB)
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This IL17 Receptor B protein is labelled with His tag.

Product Details

Sequence:	Arg18-Per292
Purity:	> 95% as determined by Tris-Bis PAGE,> 95% as determined by HPLC
Sterility:	0.22 µm filtered
Endotoxin Level:	Less than 1EU per µg by the LAL method.
Biological Activity Comment:	Immobilized Human IL-17RB, His Tag at 0.2µg/ml (100µl/well) on the plate. Dose response curve for Anti-IL-17RB Antibody, hFc Tag with the EC50 of 4.4ng/ml determined by ELISA. The affinity constant of 0.81 nM as determined in SPR assay (Biacore T200). See testing image for detail.

Target Details

Target:	IL17 Receptor B (IL17RB)
Alternative Name:	IL-17RB ( <a href="#">IL17RB Products</a> )
Background:	IL-17 receptor B, IL-17RB, IL-17ER, Evi27, IL-17 RH1, IL-17ER, IL17RB,Among inflammatory

## Target Details

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mediators, a growing body of evidence emphasizes the contribution of the interleukin 17 (IL-17) cytokine family in malignant diseases. Besides IL-17A, the prototypic member of the IL-17 family, several experimental findings strongly support the role of the IL-17B/IL-17 receptor B (IL-17RB) pathway in tumorigenesis and resistance to anticancer therapies. In mouse models, IL-17B signaling through IL-17RB directly promotes cancer cell survival, proliferation, and migration, and induces resistance to conventional chemotherapeutic agents.

Molecular Weight: 31.4 kDa. Due to glycosylation, the protein migrates to 45-60 kDa based on Tris-Bis PAGE result.

## Application Details

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Restrictions: For Research Use only

## Handling

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Format: Lyophilized

Reconstitution: Centrifuge tubes before opening. Reconstituting to a concentration more than 100 µg/mL is recommended (usually we use 1 mg/mL solution for lyophilization). Dissolve the lyophilized protein in distilled water.

Buffer: Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 5 % trehalose is added as protectant before lyophilization.

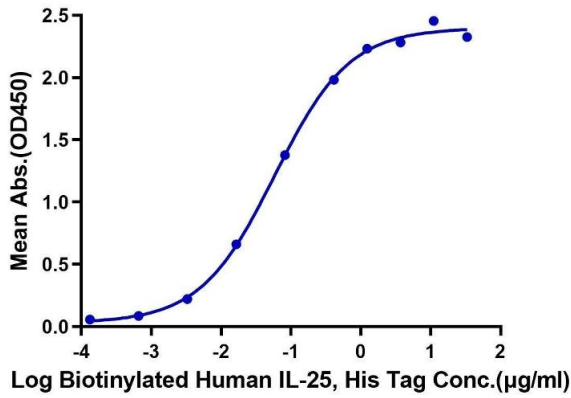
Storage: 4 °C, -80 °C

Storage Comment: Reconstituted protein stable at -80°C for 12 months, 4°C for 1 week. Use a manual defrost freezer and avoid repeated freeze-thaw cycles.

Expiry Date: 12 months

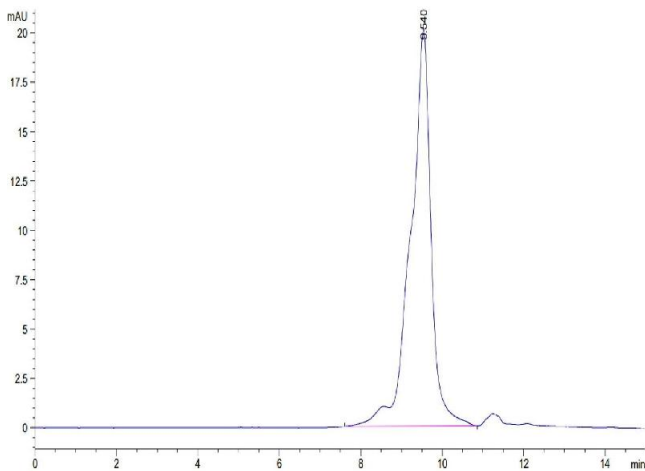
**Human IL-17RB, His Tag ELISA**

0.5µg Human IL-17RB, His Tag Per Well



**ELISA**

**Image 1.** Immobilized Human IL-17RB, His Tag at 5 µg/mL (100 µL/well) on the plate. Dose response curve for Biotinylated Human IL-25, His Tag with the EC50 of 58.5 ng/mL determined by ELISA.

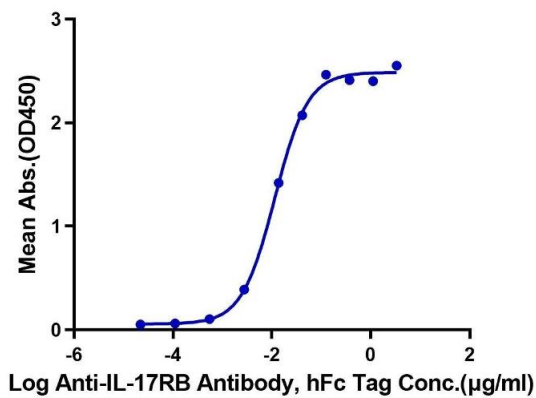


**Size-exclusion chromatography-High Pressure Liquid Chromatography**

**Image 2.** The purity of Human IL-17RB is greater than 95 % as determined by SEC-HPLC.

**Human IL-17RB, His Tag ELISA**

0.05µg Human IL-17RB, His Tag Per Well



**ELISA**

**Image 3.** Immobilized Human IL-17RB, His Tag at 0.5 µg/mL (100 µL/well) on the plate. Dose response curve for Anti-IL-17RB Antibody, hFc Tag with the EC50 of 11.4 ng/mL determined by ELISA.

Please check the [product details page](#) for more images. Overall 7 images are available for ABIN7274891.