

For Research Use Only

Anti-Mouse IL-28B Rabbit Recombinant Antibody, PBS Only

Catalog Number: 98567-3-PBS



Basic Information

Catalog Number: 98567-3-PBS	GenBank Accession Number: NM_177396.1	Purification Method: Protein A purification
Concentration: 1mg, 3 mg/ml	GeneID (NCBI): 338374	CloneNo.: 250563C9
Source: Rabbit	UNIPROT ID: Q8CGK6	
Isotype: IgG	Full Name: interleukin 28B	
Immunogen Catalog Number: EG3146	Calculated MW: 22 kDa	

Applications

Tested Applications:
FC (Intra)
Species Specificity:
mouse

Background Information

IL-28B is a type III IFN, which shares many of the biological effects of type I IFNs but may have fewer side effects due to a more selective receptor distribution. It interacts with a heterodimeric class II cytokine receptor that consists of interleukin 10 receptor, beta (IL10RB) and interleukin 28 receptor, alpha (IL28RA) (PMID: 20712453;12469119;16539846).

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:

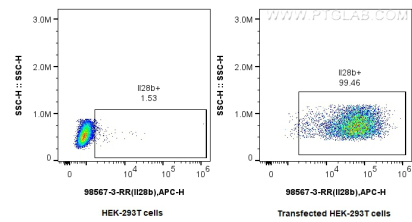
T: 4006900926

E: Proteintech-CN@ptglab.com

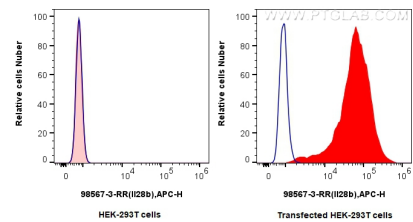
W: ptgcn.com

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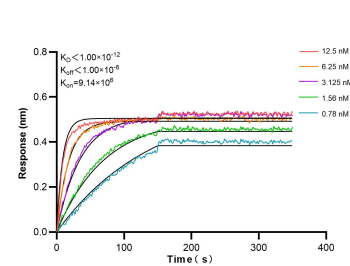
Selected Validation Data



1x10⁶ HEK-293T cells (left) or IL-28B transfected HEK-293T cells (right) were stained with 0.25 ug Anti-Mouse IL-28B Rabbit RecAb (98567-3-RR, Clone: 250563C9) and APC-Conjugated Goat Anti-Rabbit IgG(H+L). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer. This data was developed using the same antibody clone with 98567-3-PBS in a different storage buffer formulation.



1x10⁶ HEK-293T cells (left) or IL-28B transfected HEK-293T cells (right) were stained with 0.25 ug Anti-Mouse IL-28B Rabbit RecAb (98567-3-RR, Clone: 250563C9) (red) or Rabbit IgG Isotype Control RecAb (98136-1-RR, Clone: 240953C9)(blue), and APC-Conjugated Goat Anti-Rabbit IgG(H+L). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer. This data was developed using the same antibody clone with 98567-3-PBS in a different storage buffer



Biolayer interferometry (BLI) kinetic assays of 98567-3-RR against Mouse IL-28B were performed. The affinity constant is below 1 pM.