

For Research Use Only

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

Catalog Number: 98556-1-PBS



Basic Information

Catalog Number:	98556-1-PBS	GenBank Accession Number:	NM_145834.3	Purification Method:	Protein A purification
Concentration:	1mg, 3 mg/ml	GeneID (NCBI):	234836	CloneNo.:	250601C2
Source:	Rabbit	UNIPROT ID:	Q8K4C5		
Isotype:	IgG	Full Name:	interleukin 17C		
Immunogen Catalog Number:	EG2840	Calculated MW:	22 kDa		

Applications

Tested Applications:
FC (Intra)

Species Specificity:
mouse

Background Information

IL-17C is a member of the IL-17 cytokine family, was cloned from a human fetal kidney library in 2000 (PMID: 10639155). The IL-17 family comprises at least 6 proinflammatory cytokines that share a conserved cystine-knot structure but diverge at the N-terminus. IL-17 family members are glycoproteins that induce local cytokine production and recruit granulocytes to sites of inflammation (PMID: 15485625; 11574464). IL-17C is selectively induced in epithelia by bacterial challenge and inflammatory stimuli (PMID: 21993848). IL-17RE is a receptor specific to IL-17C and has an essential role in host mucosal defense against infection (PMID: 21993849).

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:

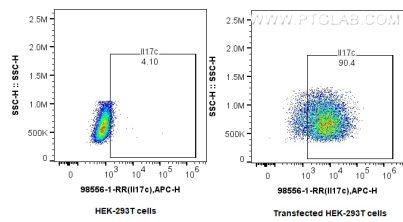
T: 4006900926

E: Proteintech-CN@ptglab.com

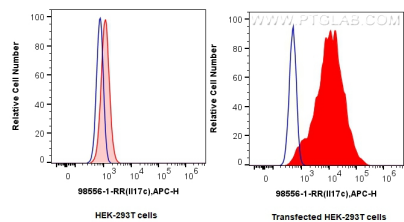
W: ptgcn.com

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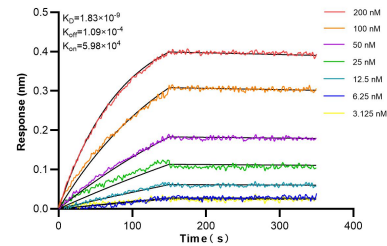
Selected Validation Data



1x10⁶ HEK-293T cells or IL-17C transfected HEK-293T cells were intracellularly stained with 0.25 ug Anti-Mouse IL-17C Rabbit RecAb (98556-1-RR, Clone: 250601C2) and APC-Conjugated Goat Anti-Rabbit IgG(H+L). Cells were fixed with Intracellular Flow Cytometry Fixation & Permeabilization Buffer Kit (PF00019). This data was developed using the same antibody clone with 98556-1-PBS in a different storage buffer formulation.



1x10⁶ HEK-293T cells or IL-17C transfected HEK-293T cells were intracellularly stained with 0.25 ug Anti-Mouse IL-17C Rabbit RecAb (98556-1-RR, Clone: 250601C2) (red) or 0.25 ug Rabbit IgG Isotype Control RecAb (98136-1-RR, Clone: 240953C9) (blue), and APC-Conjugated Goat Anti-Rabbit IgG(H+L). Cells were fixed with Intracellular Flow Cytometry Fixation & Permeabilization Buffer Kit (PF00019). This data was developed using the same antibody clone



Biolayer interferometry (BLI) kinetic assays of 98556-1-RR against Mouse IL-17C were performed. The affinity constant is 1.83 nM.