

For Research Use Only

Anti-Mouse CCL17/TARC Rabbit Recombinant Antibody, PBS Only

Catalog Number: 98553-1-PBS



Basic Information

Catalog Number: 98553-1-PBS	GenBank Accession Number: NM_011332.3	Purification Method: Protein A purification
Concentration: 1mg, 3 mg/ml	GeneID (NCBI): 20295	CloneNo.: 250385D10
Source: Rabbit	UNIPROT ID: F6R5P4	
Isotype: IgG	Full Name: chemokine (C-C motif) ligand 17	
Immunogen Catalog Number: EG3319	Calculated MW: 11 kDa	

Applications

Tested Applications:
FC (Intra)

Species Specificity:
mouse

Background Information

CCL17, also named as TARC, is a member of the CC chemokine family, and is highly expressed by thymus and other cells, including keratinocytes, endothelial cells, dendritic cells, bronchial epithelial cells and fibroblasts. CCL17 plays important roles in T cell development in thymus as well as in trafficking and activation of mature T cells. CCL17 induced chemotaxis and Ca²⁺ influx in the cells stably expressing CCR4, thereby demonstrating the ligand-receptor relationship between CCL17 and CCR4.

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:

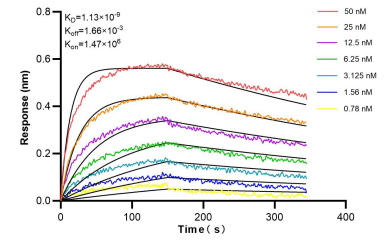
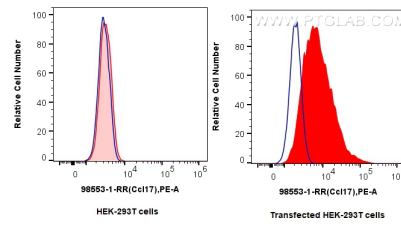
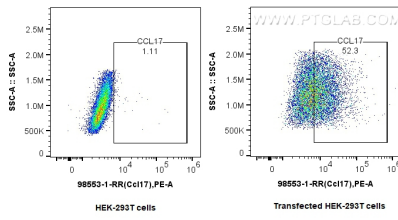
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Selected Validation Data



1×10^6 HEK-293T cells or CCL17/TARC-transfected HEK-293T cells were intracellularly stained with 0.25 μ g Anti-Mouse CCL17/TARC Rabbit RecAb (98553-1-RR, Clone: 250385D10) and PE-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 98553-1-PBS in a different storage buffer formulation.

1×10^6 HEK-293T cells or CCL17/TARC-transfected HEK-293T cells were intracellularly stained with 0.25 μ g Anti-Mouse CCL17/TARC Rabbit RecAb (98553-1-RR, Clone: 250385D10) (red) or 0.25 μ g Rabbit IgG Isotype Control RecAb (98136-1-RR, Clone: 240953C9) (blue), and PE-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

Biolayer interferometry (BLI) kinetic assays of 98553-1-RR against Mouse CCL17/TARC were performed. The affinity constant is 1.13 nM.