

For Research Use Only

Anti-Human TSLP Rabbit Recombinant Antibody

Catalog Number: 98247-1-RR



Basic Information

Catalog Number: 98247-1-RR	GenBank Accession Number: NM_033035.5	Purification Method: Protein A purification
Size: 100ug, 1000 ug/ml	GeneID (NCBI): 85480	CloneNo.: 241821B2
Source: Rabbit	UNIPROT ID: Q969D9-1	
Isotype: IgG	Full Name: thymic stromal Lymphopoietin	
	Calculated MW: 18 kDa	

Applications

Tested Applications:
FC (Intra)

Species Specificity:
human

Background Information

TSLP is a hemopoietic cytokine proposed to signal through a heterodimeric receptor complex composed of the thymic stromal lymphopoietin receptor and the IL-7R alpha chain, it mainly impacts myeloid cells and induces the release of T cell-attracting chemokines from monocytes and enhances the maturation of CD11c(+) dendritic cells. Another isoform of this protein may act as an antimicrobial peptide in the oral cavity and on the skin (PMID: 24850429).

Storage

Storage:
Store at 2 - 8°C. Stable for one year after shipment.

Storage Buffer:
PBS with 0.09% sodium azide, pH 7.3.

For technical support and original validation data for this product please contact:

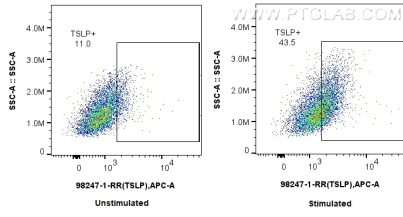
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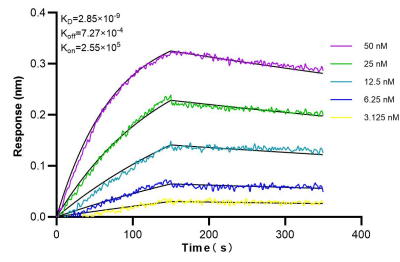
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Selected Validation Data



1×10^6 untreated or IL-4, TNF- α and BFA-treated HUVEC cells were intracellularly stained with 0.25 μ g Anti-Human TSLP Rabbit RecAb (98247-1-RR, Clone: 241821B2) and APC-Conjugated Goat Anti-Rabbit IgG(H+L). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).



Biolayer interferometry (BLI) kinetic assays of 98247-1-RR against Human TSLP were performed. The affinity constant is 2.85 nM.