

For Research Use Only

Anti-Human TSLP Rabbit Recombinant Antibody, PBS Only

Catalog Number: 98247-1-PBS



Basic Information

Catalog Number:

98247-1-PBS

Size:

1mg, 2 mg/ml

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

NM_033035.5

GeneID (NCBI):

85480

UNIPROT ID:

Q969D9-1

Full Name:

thymic stromal lymphopoietin

Calculated MW:

18 kDa

Purification Method:

Protein A purification

CloneNo.:

241821B2

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 -80°C.

Storage Buffer:

PBS Only

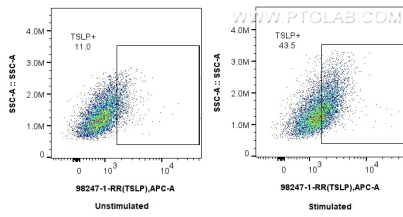
For technical support and original validation data for this product please contact:

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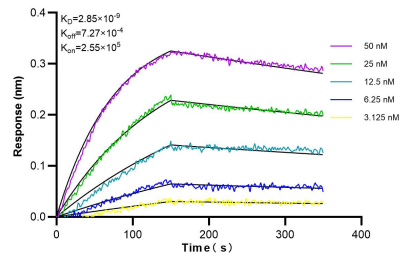
E: proteintech@ptglab.com
W: ptglab.com

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Selected Validation Data



1x10⁶ 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). This data was developed using the same antibody clone with 98247-1-PBS in a different storage buffer formulation.



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