

For Research Use Only

# Anti-Human IL-13 Rabbit Recombinant Antibody, PBS Only

Catalog Number: 98159-1-PBS



## Basic Information

<b>Catalog Number:</b> 98159-1-PBS	<b>GenBank Accession Number:</b> AAK53823	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 1mg, 2 mg/ml	<b>GeneID (NCBI):</b> 3596	<b>CloneNo.:</b> 241396F3
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> P35225	
<b>Isotype:</b> IgG	<b>Full Name:</b> interleukin 13	

## Applications

**Tested Applications:**  
FC (Intra)

**Species Specificity:**  
human

## Background Information

Interleukin 13 (IL-13) is an immunoregulatory cytokine produced primarily by activated Th2 cells. This cytokine is involved in several stages of B-cell maturation and differentiation. IL-13 up-regulates CD23 and MHC class II expression, and promotes IgE isotype switching of B cells. IL-13 inhibits the production of a series of cytokines like IL-1, IL-6, TNF-alpha, and IL-8 by activated human monocytes. IL-13 induces IFN-gamma production by NK cells. IL-13 is thought to be important cytokine in the pathogenesis of asthma, and more recently has been shown to play a pivotal role in a number of fibrotic diseases including hepatic and pulmonary fibrosis, and nodular sclerosing Hodgkin's disease.

## 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

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

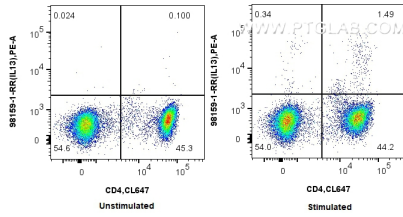
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

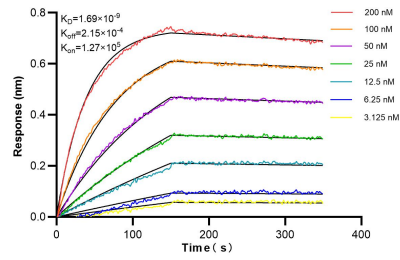
W: [ptgcn.com](http://ptgcn.com)

**This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.**

## Selected Validation Data



1x10<sup>6</sup> untreated or PMA, Ionomycin and Brefeldin A treated human PBMCs were intracellularly stained with 0.25 ug Anti-Human IL-13 Rabbit Recombinant Antibody (98159-1-RR, Clone: 241396F3) and PE-conjugated Goat Anti-Rabbit IgG. Cells were co-stained with CoraLite® Plus 647 Anti-Human CD4. 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 98159-1-



Biolayer interferometry (BLI) kinetic assays of 98159-1-RR against Human IL-13 were performed. The affinity constant is 1.69 nM.