

For Research Use Only

Anti-Human IL-13 Rabbit Recombinant Antibody

Catalog Number: 98159-1-RR



Basic Information

Catalog Number:	98159-1-RR	GenBank Accession Number:	AAK53823	Purification Method:	Protein A purification
Size:	100ug , 1000 µg/ml	GeneID (NCBI):	3596	CloneNo.:	241396F3
Source:	Rabbit	UNIPROT ID:	P35225		
Isotype:	IgG	Full Name:	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.

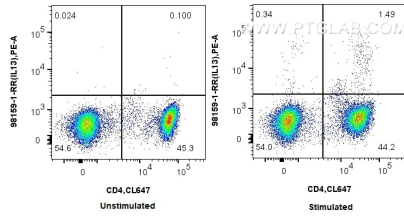
Storage

Storage:
Store at 2 - 8°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.09% sodium azide, pH 7.3.

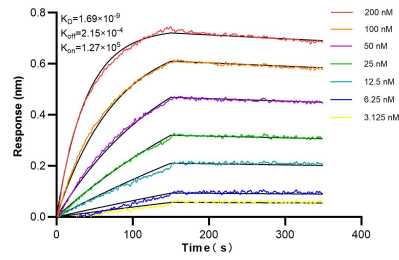
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

Selected Validation Data



1x10⁶ 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).



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