

For Research Use Only

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

Catalog Number: 98159-1-PBS



Basic Information

Catalog Number:

98159-1-PBS

Size:

1mg, 2 mg/ml

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

AAK53823

GeneID (NCBI):

3596

UNIPROT ID:

P35225

Full Name:

interleukin 13

Purification Method:

Protein A purification

CloneNo.:

241396F3

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.

Storage Buffer:

PBS Only

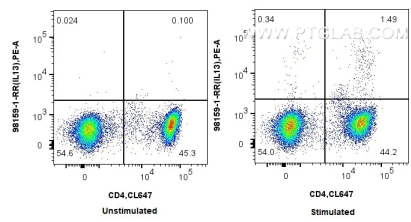
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

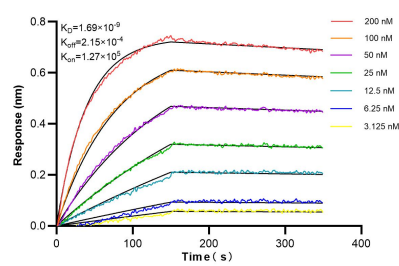
E: proteintech@ptglab.com
W: ptglab.com

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). 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.