

For Research Use Only

Anti-Mouse IL-13 Rabbit Recombinant Antibody



Catalog Number: 98003-1-RR

Basic Information

Catalog Number: 98003-1-RR	GenBank Accession Number: NM_008355	Purification Method: Protein A purification
Size: 100ug , 1000 µg/ml	GeneID (NCBI): 16163	CloneNo.: 2C14
Source: Rabbit	UNIPROT ID: P20109	
Isotype: IgG	Full Name: interleukin 13	
	Calculated MW: 14 kDa	

Applications

Tested Applications:
FC

Species Specificity:
Mouse

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.

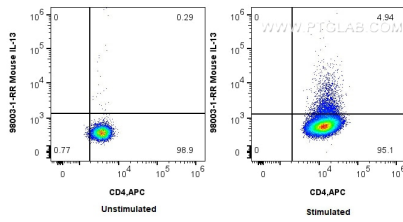
For technical support and original validation data for this product please contact:

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 unstimulated or PMA and ionomycin stimulated C57BL/6 Th2-polarized splenocytes were intracellularly stained with 0.5 ug Anti-Mouse IL-13 (98003-1-RR, Clone:2C14) and Goat anti-Rabbit IgG (H+L) Cross-Adsorbed Secondary Antibody, PE at dilution 1:666, and 0.5 ug CoraLite® Plus 647 Anti-Mouse CD4 (GK1.5) (CL647-65104, Clone: GK1.5). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).