

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

Catalog Number: 98003-1-PBS

Basic Information

Catalog Number:

98003-1-PBS

Size:

1mg, 2 mg/ml

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

NM_008355

GeneID (NCBI):

16163

UNIPROT ID:

P20109

Full Name:

interleukin 13

Calculated MW:

14 kDa

Purification Method:

Protein A purification

CloneNo.:

2C14

Applications

Tested Applications:

FC (Intra)

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

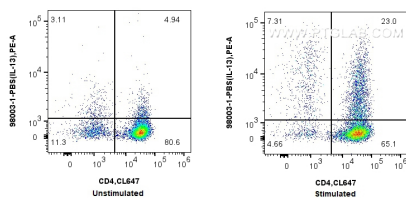
Storage:

Store at -80°C. Stable for one year after shipment.

Storage Buffer:

PBS only

Selected Validation Data



1x10⁶ unstimulated or PMA and ionomycin stimulated C57BL/6 Th2-polarized splenocytes were intracellularly stained with 0.25 ug Anti-Mouse IL-13 Rabbit Recombinant Antibody, PBS Only (98003-1-PBS, Clone:2C14) and PE-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L). Cells were co-stained with 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

