

For Research Use Only

MultiPro™ 5CFLX Anti-Human IL-17A (1F3E3)



Catalog Number: G69021-1-5C

Basic Information

Catalog Number:

G69021-1-5C

Size:

10ug, Concentration: 500ug/mL by Bradford method using BSA as the standard;

Source:

Mouse

Isotype:

IgG1

Immunogen Catalog Number:

HZ-1113

GenBank Accession Number:

GeneID (NCBI):

3605

ENSEMBL Gene ID:

ENSG00000112115

Full Name:

MultiPro™ 5CFLX Anti-Human IL-17A
(1F3E3)

CloneNo.:

1F3E3

Conjugate:

5CFLX

Full Oligo Sequence:

CGGAGATGTGTATAAGACAGCTAG
CGCTACCTAACCCCATATAAGAAA

Barcode Sequence:

CTAGCGCTACCTAAC

Applications

Tested Applications:

Single Cell (Intra)

Species Specificity:

Human

Background Information

IL17A, also named as IL-17, is a proinflammatory cytokine. IL-17, synthesized only by memory T cells and natural killer cells, has pleiotropic effects, mainly in the recruitment and activation of neutrophils. This cytokine regulates the activities of NF-kappaB and mitogen-activated protein kinases. This cytokine can stimulate the expression of IL6 and cyclooxygenase-2 (PTGS2/COX-2), as well as enhance the production of nitric oxide (NO). High levels of this cytokine are associated with several chronic inflammatory diseases including rheumatoid arthritis, psoriasis and multiple sclerosis. The IL-17 receptor is a type I transmembrane protein, that is widely expressed on epithelial cells, fibroblasts, B and T cells, and monocytic cells. In psoriatic skin lesions, both Th17 cells and their downstream effector molecules, e.g. IL-17 and IL-22, are highly increased.

This antibody can be used to neutralize the bioactivity of IL-17A.

Storage

Storage:

2-8°C

Storage Buffer:

PBS with 1mM EDTA and 0.09% sodium azide

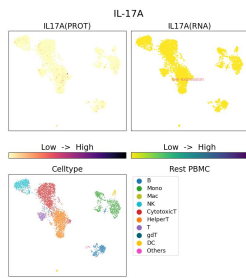
For technical support and original validation data for this product please contact:

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

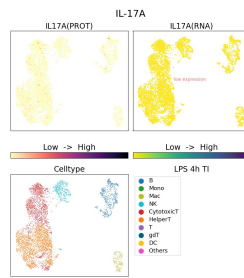
E: proteintech@ptglab.com
W: ptglab.com

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

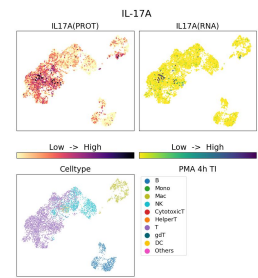
Selected Validation Data



G69021-1-5C was used to stain Resting PBMC and analyzed with 10x Genomics Gene Expression Flex with Feature Barcodes and Multiplexing kit with Fix-Stain protocol.



G69021-1-5C was used to stain PBMC under 4hr LPS + TI treatment and analyzed with 10x Genomics Gene Expression Flex with Feature Barcodes and Multiplexing kit with Fix-Stain protocol.



G69021-1-5C was used to stain PBMC under 4hr PMA + TI treatment and analyzed with 10x Genomics Gene Expression Flex with Feature Barcodes and Multiplexing kit with Fix-Stain protocol.