

For Research Use Only

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



Catalog Number: G69021-1-5C

## Basic Information

<b>Catalog Number:</b> G69021-1-5C	<b>GenBank Accession Number:</b> GeneID (NCBI): 3605	<b>CloneNo.:</b> 1F3E3
<b>Size:</b> 500ug/mL	<b>ENSEMBL Gene ID:</b> ENSG00000112115	<b>Conjugate:</b> 5CFLX
<b>Source:</b> Mouse	<b>Full Name:</b> MultiPro™ 5CFLX Anti-Human IL-17A (1F3E3)	<b>Full Oligo Sequence:</b> CGGAGATGTGTATAAGACAGCTAG CGCTACCTAACCCCATATAAGAAA
<b>Isotype:</b> IgG1	<b>Immunogen Catalog Number:</b> HZ-1113	<b>Barcode Sequence:</b> 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:

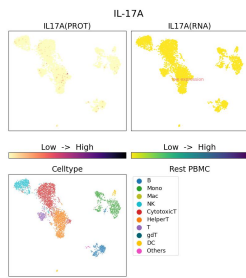
T: 4006900926

E: Proteintech-CN@ptglab.com

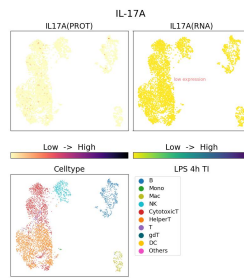
W: ptgcn.com

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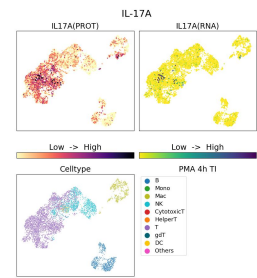
## Selected Validation Data



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.