

# MultiPro<sup>™</sup> 5CFLX Anti-Human IL-17A (1F3E3)

Catalog Number: **G69021-1-5C**

## Basic Information

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

## 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.

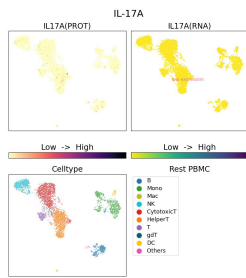
This antibody can be used to neutralize the bioactivity of IL-17A.

## Storage

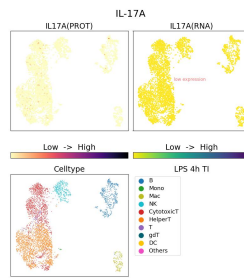
Storage:  
2-8°C

Storage Buffer:  
PBS with 1mM EDTA and 0.09% sodium azide

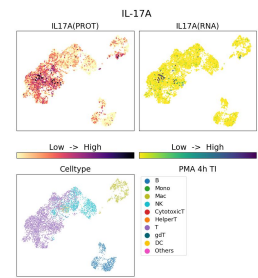
## Selected Validation Data



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.