

# MultiPro<sup>™</sup> 5CFLX Anti-Human TCF7 (Polyclonal)

Catalog Number: **G14464-1-5C**

## Basic Information

<b>Catalog Number:</b> G14464-1-5C	<b>GenBank Accession Number:</b> BC048769	<b>Conjugate:</b> 5CFLX
<b>Size:</b> 500ug/mL	<b>GeneID (NCBI):</b> 6932	<b>Full Oligo Sequence:</b> CGGAGATGTGTATAAGAGACAGCGCC TATAGAGACGCCCCATATAAGAAA
<b>Source:</b> Rabbit	<b>ENSEMBL Gene ID:</b> ENSG00000081059	<b>Barcode Sequence:</b> CGCCTATAGAGACGC
<b>Isotype:</b> IgG	<b>UNIPROT ID:</b> P36402	
<b>Immunogen Catalog Number:</b> AG5792	<b>Full Name:</b> MultiPro <sup>™</sup> 5CFLX Anti-Human TCF7 (Polyclonal)	

## Applications

**Tested Applications:**  
Single Cell (Intra)

**Species Specificity:**  
Human

## Background Information

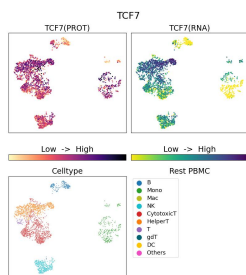
TCF7, also known as TCF1, belongs to the TCF/LEF family. TCF7 is part of the Wnt signaling pathway and plays an important role in the differentiation and self-renewal of memory T cells. It has been found that TCF7 is necessary to revive T cells in response to PD-1 blockade against viral infection or cancer. TCF7 is mainly expressed in T-cells and is also detected in proliferating intestinal epithelial cells and in the basal epithelial cells of mammary gland epithelium. TCF7 has 16 isoforms with the molecular mass of 28-54 kDa (PMID: 34044317).

## Storage

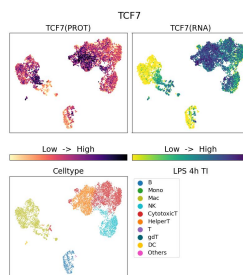
**Storage:**  
2-8°C

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

## Selected Validation Data



G14464-1-5C was used to stain Resting PBMC and analyzed with 10x Genomics Gene Expression Flex with Feature Barcodes and Multiplexing kit with Fix-Stain protocol.



G14464-1-5C 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.