

For Research Use Only

# MultiPro™ 5CFLX Anti-Human CD40 (G28.5)



Catalog Number: G65103-1-5C

## Basic Information

<b>Catalog Number:</b> G65103-1-5C	<b>GenBank Accession Number:</b> BC012419	<b>CloneNo.:</b> G28.5
<b>Size:</b> 500ug/mL	<b>GeneID (NCBI):</b> 958	<b>Conjugate:</b> 5CFLX
<b>Source:</b> Mouse	<b>ENSEMBL Gene ID:</b> ENSG00000101017	<b>Full Oligo Sequence:</b> CGGAGATGTGTATAAGAGACAGATTG CTATGACGTACCCCATATAAGAAA
<b>Isotype:</b> IgG1, kappa	<b>Full Name:</b> MultiPro™ 5CFLX Anti-Human CD40 (G28.5)	<b>Barcode Sequence:</b> ATTGCTATGACGTAC

## Applications

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

**Species Specificity:**  
Human

## Background Information

CD40, also named as TNFRSF5 and Bp50, is a type I transmembrane protein that belongs to the tumor necrosis factor-R (TNF-R) family (PMID: 10647992). CD40 is expressed on B cells, dendritic cells (DCs), monocytes, platelets, and macrophages as well as by non-hematopoietic cells such as myofibroblasts, fibroblasts, epithelial, and endothelial cells (PMID: 19426221). It is a receptor for TNFSF5/CD40LG. CD40L/CD40 interactions are essential for immunoglobulin (Ig) isotype switching, germinal center formation and the development of B cell memory (PMID: 7516405; 11675497).

## 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:

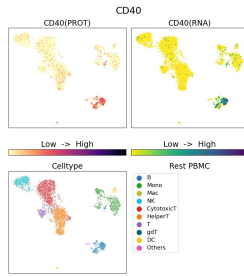
T: 4006900926

E: Proteintech-CN@ptglab.com

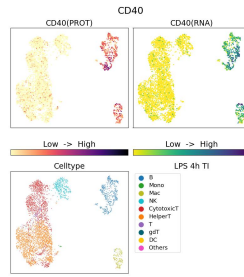
W: ptgcn.com

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## Selected Validation Data



G65103-1-5C was used to stain Resting PBMC and analyzed with 10x Genomics Gene Expression Flex with Feature Barcodes and Multiplexing kit with Fix-Stain protocol.



G65103-1-5C 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.