

For Research Use Only

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



Catalog Number: G65103-1-5C

Basic Information

Catalog Number: G65103-1-5C	GenBank Accession Number: BC012419	CloneNo.: G28.5
Size: 10ug, Concentration: 500ug/mL by Bradford method using BSA as the standard;	GeneID (NCBI): 958	Conjugate: 5CFLX
Source: Mouse	ENSEMBL Gene ID: ENSG00000101017	Full Oligo Sequence: CGGAGATGTGTATAAGACAGATTG CTATGACGTACCCCATTAAGAAA
Isotype: IgG1, kappa	Full Name: MultiPro™ 5CFLX Anti-Human CD40 (G28.5)	Barcode Sequence: 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

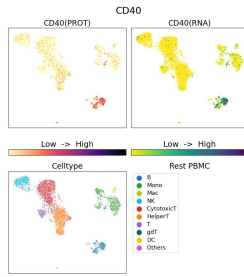
Storage:
2-8°C

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

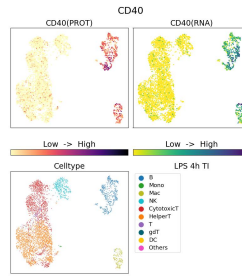
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com W: ptglab.com

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

Selected Validation Data



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.