

For Research Use Only

MultiPro™ 5CFLX Anti-Human CD38 (HIT2)



Catalog Number: G65111-1-5C

Basic Information

Catalog Number: G65111-1-5C	GenBank Accession Number: BC007964	CloneNo.: HIT2
Size: 10ug, Concentration: 500ug/mL by Bradford method using BSA as the standard;	GeneID (NCBI): 952	Conjugate: 5CFLX
Source: Mouse	ENSEMBL Gene ID: ENSG00000004468	Full Oligo Sequence: CGGAGATGTGTATAAGACAGTTCG ATGGTGATCGACCCATATAAGAAA
Isotype: IgG1, kappa	Full Name: MultiPro™ 5CFLX Anti-Human CD38 (HIT2)	Barcode Sequence: TTCGATGGTGATCGA

Applications

Tested Applications:
Single Cell (Intra)

Species Specificity:
Human

Background Information

CD38, also known as ADP-ribosyl cyclase 1, is a type II transmembrane glycoprotein with a short N-terminal cytoplasmic tail, a single membrane-spanning domain, and a C-terminal extracellular region with four N-glycosylation sites (PMID: 2319135). The extracellular domain of CD38 has bifunctional enzyme activities that catalyze synthesis of cyclic ADP ribose from nicotinamide adenine dinucleotide (NAD) and hydrolysis of cyclic ADP ribose to adenosine diphosphoribose (PMID: 10636863). CD38 is expressed on a variety of hematopoietic and non-hematopoietic cells and is involved in diverse processes such as generation of calcium-mobilizing metabolites, cell activation, and chemotaxis (PMID: 25938500).

Storage

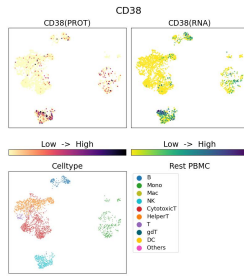
Storage:
2-8°C

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

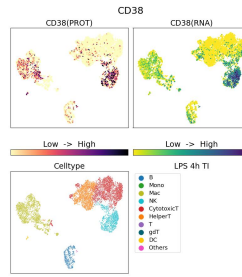
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com
W: ptglab.com

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Selected Validation Data



G65111-1-5C was used to stain Resting PBMC and analyzed with 10x Genomics Gene Expression Flex with Feature Barcodes and Multiplexing kit with Fix-Stain protocol.



G65111-1-5C 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.