

For Research Use Only

MultiPro™ 5CFLX Anti-Human CD3 (OKT3)



Catalog Number: G65133-1-5C

Basic Information

Catalog Number: G65133-1-5C	GenBank Accession Number: BC049847	CloneNo.: OKT3
Size: 10ug, Concentration: 500ug/mL by Bradford method using BSA as the standard;	GeneID (NCBI): 916	Conjugate: 5CFLX
Source: Mouse	ENSEMBL Gene ID: ENSG00000198851	Full Oligo Sequence: CGGAGATGTGTATAAGACAGTCGG ATAAGACCTTCCCATATAAGAAA
Isotype: IgG2a, kappa	UNIPROT ID: P07766	Barcode Sequence: TCGGATAAGACCTTC
	Full Name: MultiPro™ 5CFLX Anti-Human CD3 (OKT3)	

Applications

Tested Applications:
Single Cell (Intra)

Species Specificity:
Human

Background Information

CD3 is a multimeric protein associated with the T-cell receptor (TCR) to form a complex involved in antigen recognition and signal transduction (PMID: 15885124). CD3 is composed of CD3γ, δ, ε, and ζ chains (PMID: 1826255). It is expressed by thymocytes in a developmentally regulated manner, T cells, and some NK cells (PMID: 3289580). The TCR recognizes antigens bound to major histocompatibility complex (MHC) molecules. TCR-mediated peptide-MHC recognition is transmitted to the CD3 complex, leading to the intracellular signal transduction (PMID: 11985657).

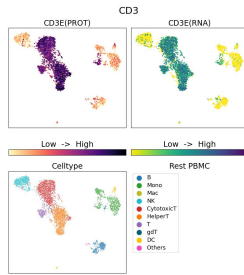
Storage

Storage:
2-8°C
Storage Buffer:
PBS with 1mM EDTA and 0.09% sodium azide

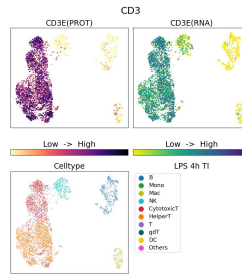
For technical support and original validation data for this product please contact:
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W: ptglab.com

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

Selected Validation Data



G65133-1-5C was used to stain Resting PBMC and analyzed with 10x Genomics Gene Expression Flex with Feature Barcodes and Multiplexing kit with Fix-Stain protocol.



G65133-1-5C 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.