

MultiPro[™] 5CFLX Anti-Human CD3 (OKT3)

Catalog Number: **G65133-1-5C**

Basic Information

Catalog Number:	GenBank Accession Number:	CloneNo.:
G65133-1-5C	BC049847	OKT3
Size:	GeneID (NCBI):	Conjugate:
500ug/mL	916	5CFLX
Source:	ENSEMBL Gene ID:	Full Oligo Sequence:
Mouse	ENSG00000198851	CGGAGATGTGTATAAGACAGTCGG ATAAGACCTTCCCATATAAGAAA
Isotype:	UNIPROT ID:	Barcode Sequence:
IgG2a, kappa	P07766	TCGGATAAGACCTTC
	Full Name:	
	MultiPro [™] 5CFLX Anti-Human CD3 (OKT3)	

Applications

Tested Applications:
Single Cell (Intra)

Species Specificity:
Human

Background Information

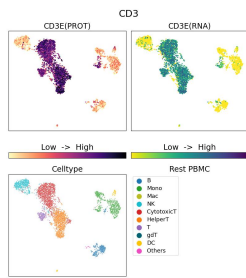
CD3 is a multimeric protein associated with the T-cell receptor (TCR) to form a complex involved in antigen recognition and signal transduction (PMID: 15885124). CD3 is composed of CD3 γ , δ , ϵ , and ζ chains (PMID: 1826255). It is expressed by thymocytes in a developmentally regulated manner, T cells, 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

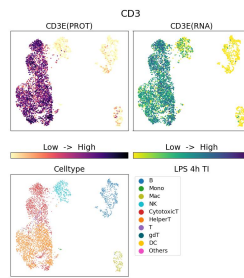
Storage:
2-8°C

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

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.