MultiPro^{TM} 5CFLX Anti-Human CD4 (RPA-T4)

Catalog Number: G65143-1-5C

Basic Information

Catalog Number:	GenBank Accession Number:	CloneNo.:
G65143-1-5C	BC025782	RPA-T4
Size:	**GeneID (NCBI):**	**Conjugate:**
10ug , Concentration: 500ug/mL by Bradford method using BSA as the standard;	920	5CFLX
	ENSEMBL Gene ID:	**Full Oligo Sequence:**
	ENSG00000010610	CGGAGATGTGTATAAGAGACAGGTCT TACAACGCAGTCCCATATAAGAAA
Source:	**UNIPROT ID:**	
Mouse	P01730	**Barcode Sequence:**
Isotype:	**Full Name:**	GTCTTACAACGCAGT
IgG1	MultiPro^{TM} 5CFLX Anti-Human CD4 (RPA-T4)	

Applications

Tested Applications:
Single Cell (Intra), Single Cell

Species Specificity:
Human

Background Information

CD4 is a 55-kDa transmembrane glycoprotein expressed on T helper cells, majority of thymocytes, monocytes, macrophages, and dendritic cells (PMID: 9304802; 12213222). CD4 is an accessory protein for MHC class-II antigen/T-cell receptor interaction. It plays an important role in T helper cell development and activation (PMID: 9539765; 3112582). CD4 serves as a receptor for the human immunodeficiency virus (HIV) (PMID: 9304802).

Storage

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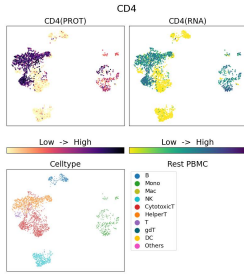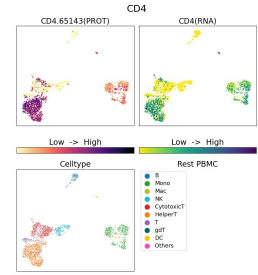**Storage Buffer:**
PBS with 1mM EDTA and 0.09% sodium azide
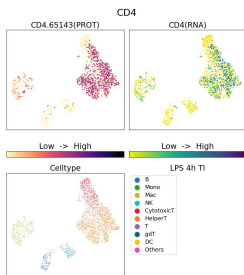
Selected Validation Data

G65143-1-5C was used to stain Resting PBMC and analyzed with 10x Genomics Gene Expression Flex with Feature Barcodes and Multiplexing kit with Fix-Stain protocol.
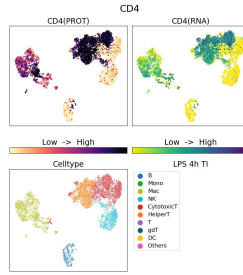
G65143-1-5C was used to stain PBMC under 4hr LPS + TI treatment and analyzed with 10x Genomics Gene Expression Flex with Feature Barcodes and Multiplexing kit with Fix-Stain protocol.

G65143-1-5C was used to stain Resting PBMC and analyzed with 10x Genomics Gene Expression Flex with Feature Barcodes and Multiplexing kit with Stain-Fix protocol.

G65143-1-5C 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 Stain-Fix protocol.