

MultiPro[™] 5CFLX Anti-Human CD21 (BU32)

Catalog Number: **G65198-1-5C**

Basic Information

Catalog Number:	GenBank Accession Number:	CloneNo.:
G65198-1-5C	BC136394	BU32
Size:	GeneID (NCBI):	Conjugate:
500ug/mL	1380	5CFLX
Source:	ENSEMBL Gene ID:	Full Oligo Sequence:
Mouse	ENSG00000117322	CGGAGATGTGTATAAGACAGCCAC
Isotype:	UNIPROT ID:	AATAATGTCAACCCATATAAGAAA
IgG1, kappa	P20023	Barcode Sequence:
	Full Name:	CCACAATAATGTCAA
	MultiPro [™] 5CFLX Anti-Human CD21 (BU32)	

Applications

Tested Applications:
Single Cell (Intra), Single Cell

Species Specificity:
Human

Background Information

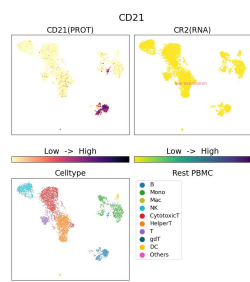
CD21, also known as complement receptor type 2 (CR2), complement C3d receptor, and Epstein-Barr virus receptor, is a transmembrane protein that contains a small cytoplasmic domain, a transmembrane region and an extracellular domain consisting of 15 tandem short consensus repeat sequences (PMID: 6230668; 2551147). It is expressed on B cells, follicular dendritic cells, thymocytes and a subset of peripheral T cells (PMID: 26119182). CD21 binds complement fragments C3d, C3dg and iC3b and acts as a receptor for the Epstein-Barr virus (PMID: 7753047). On B cells, together with CD19 and CD81, CD21 forms a complex that functions as a co-receptor to the BCR (PMID: 7542009). It is involved in B cells activation and functions.

Storage

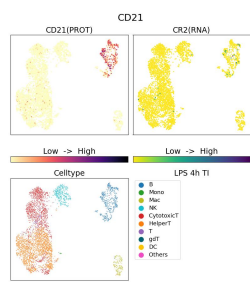
Storage:
2-8°C

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

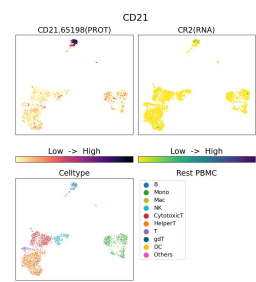
Selected Validation Data



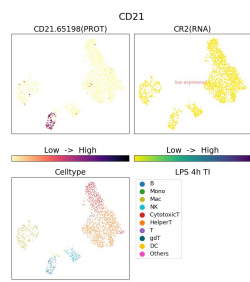
G65198-1-5C was used to stain Resting PBMC and analyzed with 10x Genomics Gene Expression Flex with Feature Barcodes and Multiplexing kit with Fix-Stain protocol.



G65198-1-5C 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.



G65198-1-5C was used to stain Resting PBMC and analyzed with 10x Genomics Gene Expression Flex with Feature Barcodes and Multiplexing kit with Stain-Fix protocol.



G65198-1-5C 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.