

MultiPro[™] 5CFLX Anti-Human CD29 (TS2/16)

Catalog Number: **G65191-1-5C**

Basic Information

Catalog Number:	GenBank Accession Number:	CloneNo.:
G65191-1-5C	BC020057	TS2/16
Size:	GeneID (NCBI):	Conjugate:
500ug/mL	3688	5CFLX
Source:	ENSEMBL Gene ID:	Full Oligo Sequence:
Mouse	ENSG00000150093	CGGAGATGTGTATAAGAGACAGTGAG AGACACGCATCCCCATATAAGAAA
Isotype:	UNIPROT ID:	Barcode Sequence:
IgG1, kappa	P05556	TGAGAGACACGCATC
	Full Name:	
	MultiPro [™] 5CFLX Anti-Human CD29 (TS2/16)	

Applications

Tested Applications:
Single Cell (Intra), Single Cell

Species Specificity:
Human

Background Information

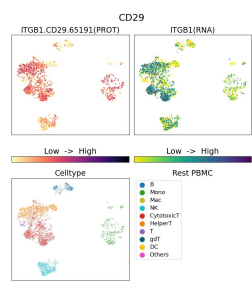
Integrin beta-1 (ITGB1), also named as CD29, is a 130 kDa single chain type I glycoprotein that is expressed in a heterodimeric complex with one of six distinct α subunits, comprising the very late activation antigen (VLA) subfamily of adhesion receptors. It is one of the essential surface molecules expressed on human MSC from bone marrow and other sources. The β 1 subunit is also broadly expressed on lymphocytes and monocytes, weakly expressed on granulocytes, and not expressed on erythrocytes. These receptors are involved in a variety of cell-cell and cell-matrix interactions.

Storage

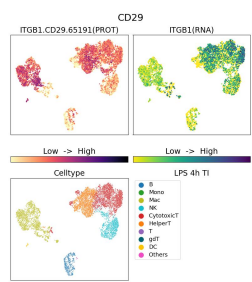
Storage:
2-8°C

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

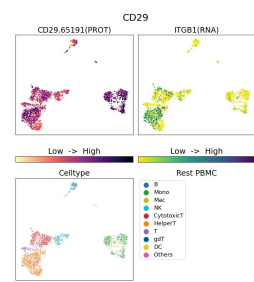
Selected Validation Data



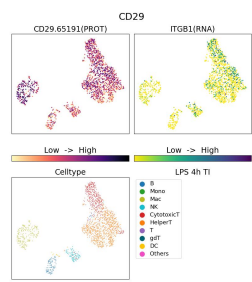
G65191-1-5C was used to stain Resting PBMC and analyzed with 10x Genomics Gene Expression Flex with Feature Barcodes and Multiplexing kit with Fix-Stain protocol.



G65191-1-5C 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.



G65191-1-5C was used to stain Resting PBMC and analyzed with 10x Genomics Gene Expression Flex with Feature Barcodes and Multiplexing kit with Stain-Fix protocol.



G65191-1-5C 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.