

For Research Use Only

MultiPro™ 5CFLX Anti-Human CD31 (3F8E2)



Catalog Number: G66065-2-5C

Basic Information

Catalog Number: G66065-2-5C	GenBank Accession Number: BC022512	CloneNo.: 3F8E2
Size: 500ug/mL	GeneID (NCBI): 5175	Conjugate: 5CFLX
Source: Mouse	ENSEMBL Gene ID: ENSG00000261371	Full Oligo Sequence: CGGAGATGTGTATAAGACAGTATA ACACCTGGTATCCCATATAAGAAA
Isotype: IgG1	UNIPROT ID: P16284	Barcode Sequence: TATAACACCTGGTAT
Immunogen Catalog Number: AG19730	Full Name: MultiPro™ 5CFLX Anti-Human CD31 (3F8E2)	

Applications

Tested Applications:
Single Cell (Intra), Single Cell

Species Specificity:
Human

Background Information

Platelet endothelial cell adhesion molecule-1 (PECAM-1, CD31) is a member of the immunoglobulin gene superfamily of cell adhesion molecules. CD31 is a transmembrane glycoprotein that is highly expressed on the surface of the endothelium, making up a large portion of its intracellular junctions. PECAM-1 is also present on the surface of hematopoietic cells and immune cells including platelets, monocytes, neutrophils, natural killer cells, megakaryocytes and some types of T-cell (PMID: 9011572). As well as its role in cell-cell adhesion, PECAM-1 functions as a signaling receptor, and is involved in important physiological events such as nitric oxide production, regulation of T-cell immunity and tolerance, leukocyte transendothelial migration and inflammation and angiogenesis (PMID: 21183735; 20978210; 17872453; 20634489).

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:

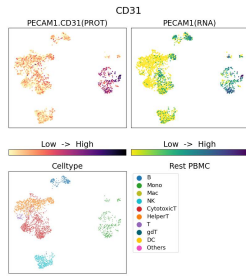
T: 4006900926

E: Proteintech-CN@ptglab.com

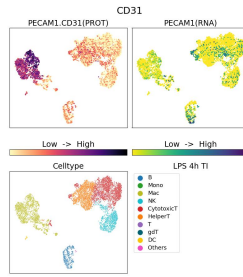
W: ptgcn.com

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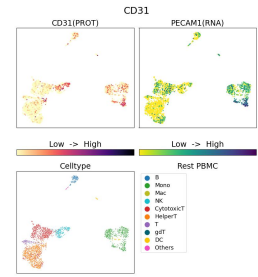
Selected Validation Data



G66065-2-5C was used to stain Resting PBMC and analyzed with 10x Genomics Gene Expression Flex with Feature Barcodes and Multiplexing kit with Fix-Stain protocol.



G66065-2-5C 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.



G66065-2-5C was used to stain Resting PBMC and analyzed with 10x Genomics Gene Expression Flex with Feature Barcodes and Multiplexing kit with Stain-Fix protocol.