

For Research Use Only

# MultiPro™ 5CFLX Anti-Human CD35 (E11)



Catalog Number: G65254-1-5C

## Basic Information

<b>Catalog Number:</b> G65254-1-5C	<b>GenBank Accession Number:</b> NM_000573	<b>CloneNo.:</b> E11
<b>Size:</b> 10ug, Concentration: 500ug/mL by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 1378	<b>Conjugate:</b> 5CFLX
<b>Source:</b> Mouse	<b>ENSEMBL Gene ID:</b> ENSG00000203710	<b>Full Oligo Sequence:</b> CGGAGATGTGTATAAGACAGAATG AATTGGATTCGCCCATATAAGAAA
<b>Isotype:</b> IgG1, kappa	<b>UNIPROT ID:</b> P17927	<b>Barcode Sequence:</b> AATGAATTGGATTCC
	<b>Full Name:</b> MultiPro™ 5CFLX Anti-Human CD35 (E11)	

## Applications

**Tested Applications:**  
Single Cell (Intra), Single Cell

**Species Specificity:**  
Human

## Background Information

CD35, also known as complement receptor type 1 (CR1) or C3b/C4b receptor, is a single-chain glycoprotein consisting of 30 repeating homologous protein domains known as short consensus repeats (~60 amino acids each) followed by transmembrane and cytoplasmic domains (PMID: 8765013). CD35 is variably expressed by granulocytes, monocytes, B cells, some T cells, erythrocytes, follicular dendritic cells, Langerhans cells, and glomerular podocytes (PMID: 19004497). CD35 acts as a receptor for C3b and C4b and plays important roles in the regulation of the complement cascade and clearance of immune complexes.

## Storage

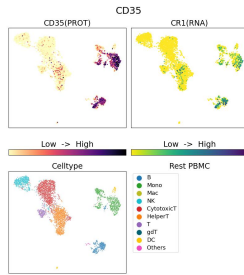
**Storage:**  
2-8°C

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

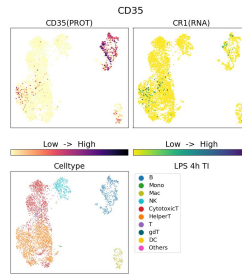
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)      E: proteintech@ptglab.com  
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

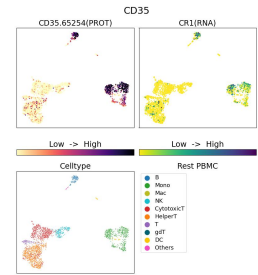
## Selected Validation Data



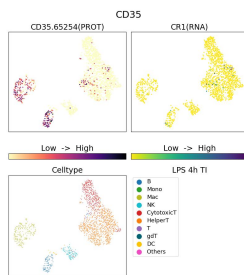
G65254-1-5C was used to stain Resting PBMC and analyzed with 10x Genomics Gene Expression Flex with Feature Barcodes and Multiplexing kit with Fix-Stain protocol.



G65254-1-5C 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.



G65254-1-5C was used to stain Resting PBMC and analyzed with 10x Genomics Gene Expression Flex with Feature Barcodes and Multiplexing kit with Stain-Fix protocol.



G65254-1-5C 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.