

# MultiPro<sup>™</sup> 5CFLX Anti-Human CD11c (3.9)

Catalog Number: **G65086-1-5C**

## Basic Information

<b>Catalog Number:</b> G65086-1-5C	<b>GenBank Accession Number:</b> BC038237	<b>CloneNo.:</b> 3.9
<b>Size:</b> 500ug/mL	<b>GeneID (NCBI):</b> 3687	<b>Conjugate:</b> 5CFLX
<b>Source:</b> Mouse	<b>ENSEMBL Gene ID:</b> ENSG00000140678	<b>Full Oligo Sequence:</b> CGGAGATGTGTATAAGACAGAAGC AATACTTATACCCCATATAAGAAA
<b>Isotype:</b> IgG1, kappa	<b>UNIPROT ID:</b> P20702	<b>Barcode Sequence:</b> AAGCAATACTTATAC
	<b>Full Name:</b> MultiPro <sup>™</sup> 5CFLX Anti-Human CD11c (3.9)	

## Applications

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

**Species Specificity:**  
Human

## Background Information

Integrins are cell adhesion receptors that are heterodimers composed of non-covalently associated  $\alpha$  and  $\beta$  subunits (PMID: 9779984). CD11c, also known as integrin  $\alpha X$ , is a type I transmembrane glycoprotein present on a variety of cells, including monocytes/macrophages, granulocytes, a subset of B cells, NK cells and dendritic cells (PMID: 2897326; 1680915; 1694698; 17389580). As a result of its high level of expression on most dendritic cells, CD11c is typically considered to be a marker of conventional dendritic cells (PMID: 27119555). CD11c forms an  $\alpha / \beta$  heterodimer with CD18 (integrin  $\beta 2$ ). CD11c/CD18 acts a receptor for fibrinogen and is important in monocyte adhesion and chemotaxis (PMID: 1671533).

## Storage

**Storage:**  
2-8°C

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

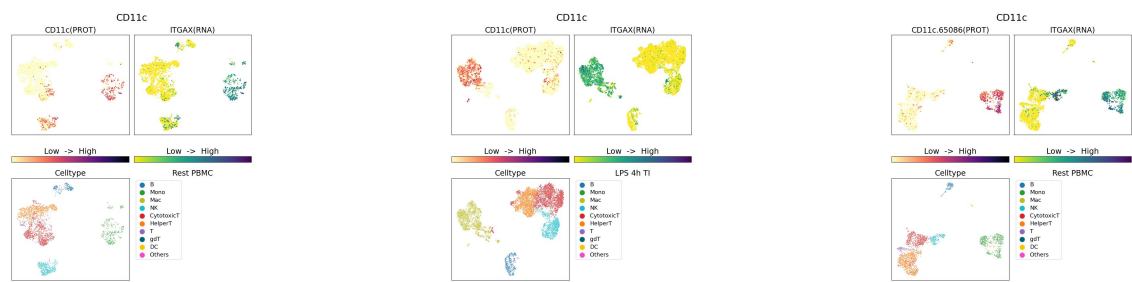
For technical support and original validation data for this product please contact:

T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)W: [ptgcn.com](http://ptgcn.com)

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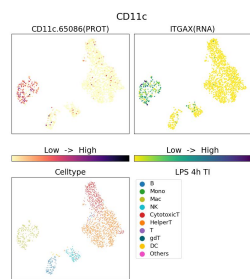
Selected Validation Data



G65086-1-5C was used to stain Resting PBMC and analyzed with 10x Genomics Gene Expression Flex with Feature Barcodes and Multiplexing kit with Fix-Stain protocol.

G65086-1-5C 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.

G65086-1-5C was used to stain Resting PBMC and analyzed with 10x Genomics Gene Expression Flex with Feature Barcodes and Multiplexing kit with Stain-Fix protocol.



G65086-1-5C 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.