

For Research Use Only

# MultiPro™ 5CFLX Anti-Human CD64 (10.1)



Catalog Number: G65253-1-5C

## Basic Information

<b>Catalog Number:</b> G65253-1-5C	<b>GenBank Accession Number:</b> BC032634	<b>CloneNo.:</b> 10.1
<b>Size:</b> 500ug/mL	<b>GeneID (NCBI):</b> 2209	<b>Conjugate:</b> 5CFLX
<b>Source:</b> Mouse	<b>ENSEMBL Gene ID:</b> ENSG00000150337	<b>Full Oligo Sequence:</b> CGGAGATGTGTATAAGACAGCCAT CGCCAGCGCGCCCATATAAGAAA
<b>Isotype:</b> IgG1, kappa	<b>UNIPROT ID:</b> P12314	<b>Barcode Sequence:</b> CCATCGCCAGCGCGG
	<b>Full Name:</b> MultiPro™ 5CFLX Anti-Human CD64 (10.1)	

## Applications

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

**Species Specificity:**  
Human

## Background Information

Fc $\gamma$  receptor comprise a multigene family of integral membrane glycoproteins that exhibit complex activation or inhibitory effects on cell functions after aggregation by complexed immunoglobulin G (IgG) (PMID: 17005690). CD64, also known as Fc $\gamma$  RIA, is a high-affinity receptor for the Fc region of IgG. It is expressed by monocytes/macrophages, activated neutrophils, dendritic cells, and early myeloid cells (PMID: 23293080; 19642859; 7680917). CD64 functions in both innate and adaptive immune responses.

## 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:

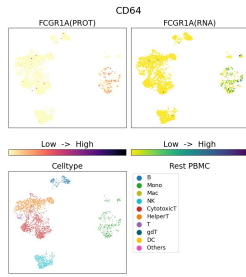
T: 4006900926

E: Proteintech-CN@ptglab.com

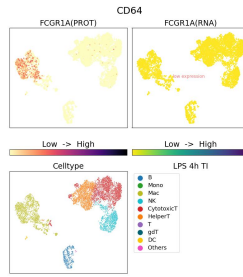
W: ptgcn.com

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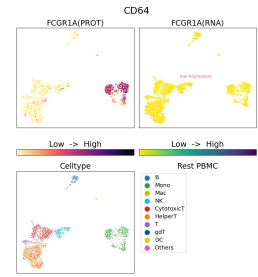
## Selected Validation Data



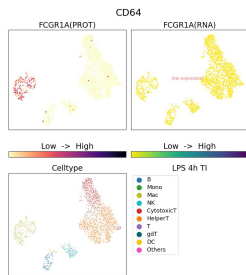
G65253-1-5C was used to stain Resting PBMC and analyzed with 10x Genomics Gene Expression Flex with Feature Barcodes and Multiplexing kit with Fix-Stain protocol.



G65253-1-5C 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.



G65253-1-5C was used to stain Resting PBMC and analyzed with 10x Genomics Gene Expression Flex with Feature Barcodes and Multiplexing kit with Stain-Fix protocol.



G65253-1-5C 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.