

For Research Use Only

# MultiPro™ 5CFLX Anti-Human Drebrin (1A12H1)



Catalog Number: G67589-1-5C

## Basic Information

<b>Catalog Number:</b> G67589-1-5C	<b>GenBank Accession Number:</b> BC007567	<b>CloneNo.:</b> 1A12H1
<b>Size:</b> 500ug/mL	<b>GeneID (NCBI):</b> 1627	<b>Conjugate:</b> 5CFLX
<b>Source:</b> Mouse	<b>ENSEMBL Gene ID:</b> ENSG00000113758	<b>Full Oligo Sequence:</b> CGGAGATGTGTATAAGACAGTGTA CTGAGATAGGCCCATATAAGAAA
<b>Isotype:</b> IgG2a	<b>UNIPROT ID:</b> Q16643	<b>Barcode Sequence:</b> TGTAAGATAGGC
<b>Immunogen Catalog Number:</b> AG22635	<b>Full Name:</b> MultiPro™ 5CFLX Anti-Human Drebrin (1A12H1)	

## Applications

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

**Species Specificity:**  
Human

## Background Information

Drebrin (DBN1) is an actin binding and stabilizing protein with roles in endocytosis, formation of dendrite spines in neurons and coordinating cell-cell synapses in immune cells. Preferentially expressed in the brain, it is highly localized in dendritic spines and regulates spine shapes. It has two isoforms that are splice variants, with drebrin A being expressed in neural cells, and drebrin E is present in several other cell types. Recently it has been reported that circulating DBN1 levels correlated with retinal nerve fiber layer defect and may reflect the severity of retinal ganglion cells injury in glaucoma patients.

## 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:

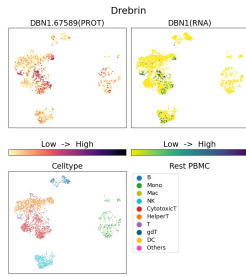
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

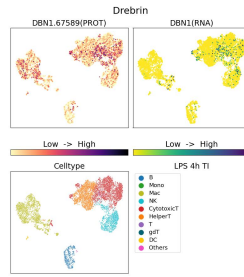
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## Selected Validation Data



G67589-1-5C was used to stain Resting PBMC and analyzed with 10x Genomics Gene Expression Flex with Feature Barcodes and Multiplexing kit with Fix-Stain protocol.



G67589-1-5C 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.