

For Research Use Only

# MultiPro™ 5CFLX Anti-Human Lamin B1 (3C10G12)



Catalog Number: G66095-1-5C

## Basic Information

<b>Catalog Number:</b> G66095-1-5C	<b>GenBank Accession Number:</b> BC012295	<b>CloneNo.:</b> 3C10G12
<b>Size:</b> 10ug, Concentration: 500ug/mL by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 4001	<b>Conjugate:</b> 5CFLX
<b>Source:</b> Mouse	<b>ENSEMBL Gene ID:</b> ENSG00000113368	<b>Full Oligo Sequence:</b> CGGAGATGTGTATAAGACAGTCGT ACTATACTAACCCCATATAAGAAA
<b>Isotype:</b> IgG1	<b>UNIPROT ID:</b> P20700	<b>Barcode Sequence:</b> TCGTACTATACTAAC
<b>Immunogen Catalog Number:</b> AG20522	<b>Full Name:</b> MultiPro™ 5CFLX Anti-Human Lamin B1 (3C10G12)	

## Applications

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

**Species Specificity:**  
Human

## Background Information

Lamins are components of the nuclear lamina, a fibrous layer on the nucleoplasmic side of the inner nuclear membrane, which is thought to provide a framework for the nuclear envelope and may also interact with chromatin. The nuclear lamina consists of a two-dimensional matrix of proteins located next to the inner nuclear membrane. The lamin family of proteins make up the matrix and are highly conserved in evolution. During mitosis, the lamina matrix is reversibly disassembled as the lamin proteins are phosphorylated. Vertebrate lamins consist of two types, A and B. This gene encodes one of the two B type proteins, B1. This protein is not suitable for samples where the nuclear envelope has been removed.

## Storage

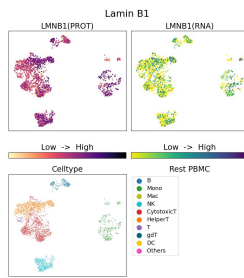
**Storage:**  
2-8°C

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

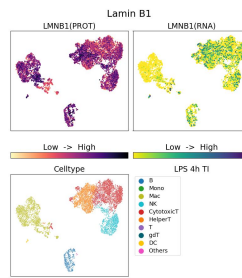
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)      E: proteintech@ptglab.com  
W: ptglab.com

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## Selected Validation Data



G66095-1-5C was used to stain Resting PBMC and analyzed with 10x Genomics Gene Expression Flex with Feature Barcodes and Multiplexing kit with Fix-Stain protocol.



G66095-1-5C 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.