

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

Catalog Number: G66095-1-5C

Basic Information

Catalog Number:	GenBank Accession Number:	CloneNo.:
G66095-1-5C	BC012295	3C10G12
Size:	GeneID (NCBI):	Conjugate:
500ug/mL	4001	5CFLX
Source:	ENSEMBL Gene ID:	Full Oligo Sequence:
Mouse	ENSG00000113368	CGGAGATGTGTATAAGACAGTCGT
Isotype:	UNIPROT ID:	ACTATACTAACCCCATATAAGAAA
IgG1	P20700	Barcode Sequence:
Immunogen Catalog Number:	Full Name:	TCGTACTATACTAAC
AG20522	MultiPro [™] 5CFLX Anti-Human Lamin B1 (3C10G12)	

Applications

Tested Applications:
Single Cell (Intra)

Species Specificity:
Human

Background Information

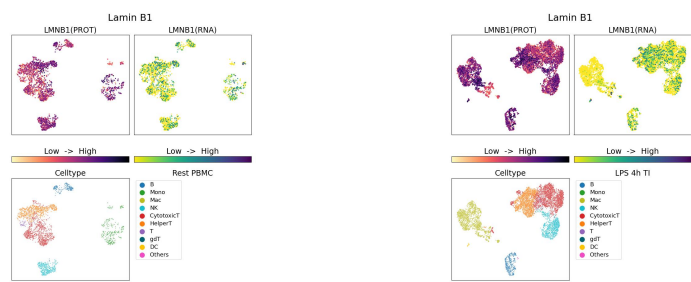
Lamins are components of the nuclear lamina, a fibrous layer on the nucleoplasmic side of the inner nuclear membrane, which is thought to provide a framework for the nuclear envelope and may also interact with chromatin. The nuclear lamina consists of a two-dimensional matrix of proteins located next 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

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.