

For Research Use Only

MultiPro™ 5CFLX Anti-Human CD107b/LAMP2 (H4B4)



Catalog Number: G65053-1-5C

Basic Information

Catalog Number:

G65053-1-5C

Size:

10ug, Concentration: 500ug/mL by
Bradford method using BSA as the
standard;

Source:

Mouse

Isotype:

IgG1, kappa

GenBank Accession Number:

BC002965

GeneID (NCBI):

3920

ENSEMBL Gene ID:

ENSG00000005893

UNIPROT ID:

P13473

Full Name:

MultiPro™ 5CFLX Anti-Human
CD107b/LAMP2 (H4B4)

CloneNo.:

H4B4

Conjugate:

5CFLX

Full Oligo Sequence:

CGGAGATGTGTATAAGACAGCCGT
TCTCCATCTTGCCCATATAAGAAA

Barcode Sequence:

CCGTTCTCCATCTTG

Applications

Tested Applications:

Single Cell (Intra)

Species Specificity:

Human

Background Information

LAMP2 (CD107b) is a Lysosomal membrane glycoprotein. LAMP2 is extensively glycosylated with asparagine-linked oligosaccharides which protect it from intracellular proteolysis (PMID: 10521503). Although LAMP-2 is localized primarily in the endosome-lysosomal membrane of cells, it is also found on the plasma membrane under certain circumstances, e.g., after platelet activation, during granulocytic differentiation and activation, and in some tumor cells (PMID: 12221139). LAMP is involved in lysosomal stability and autophagy (PMID: 12221139). This glycoprotein provides selectins with carbohydrate ligands. LAMP2 may play a role in tumor cell metastasis (PMID 9426697).

Storage

Storage:

2-8°C

Storage Buffer:

PBS with 1mM EDTA and 0.09% sodium azide

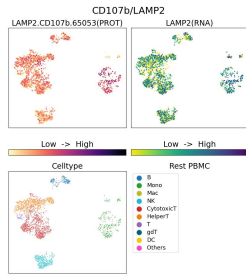
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free
in USA), or 1(312) 455-8498 (outside USA)

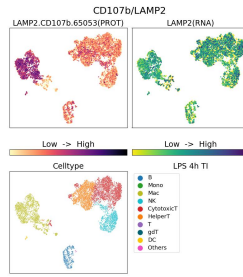
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



G65053-1-5C was used to stain Resting PBMC and analyzed with 10x Genomics Gene Expression Flex with Feature Barcodes and Multiplexing kit with Fix-Stain protocol.



G65053-1-5C 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.