

For Research Use Only

MultiPro™ 5CFLX Anti-Human LC3 (5P12)



Catalog Number: G81004-1-5C

Basic Information

Catalog Number: G81004-1-5C	GenBank Accession Number: BC067797	CloneNo.: 5P12
Size: 10ug, Concentration: 500ug/mL by Bradford method using BSA as the standard;	GeneID (NCBI): 81631	Conjugate: 5CFLX
Source: Rabbit	ENSEMBL Gene ID: ENSG00000140941	Full Oligo Sequence: CGGAGATGTGTATAAGACAGCTTG ACAATCGTGAACCCATATAAGAAA
Isotype: IgG	UNIPROT ID: Q9GZQ8	Barcode Sequence: CTTGACAATCGTGAA
Immunogen Catalog Number: AG6144	Full Name: MultiPro™ 5CFLX Anti-Human LC3 (5P12)	

Applications

Tested Applications:
Single Cell (Intra)

Species Specificity:
Human

Background Information

Map1LC3, also known as LC3, is the human homolog of yeast Atg8 and is involved in the formation of autophagosomal vacuoles, called autophagosomes. Three human Map1LC3 isoforms, MAP1LC3A, MAP1LC3B, and MAP1LC3C, undergo post-translational modifications during autophagy. And they differ in their post-translation modifications during autophagy. Map1LC3 also exists in two modified forms, an 18 kDa cytoplasmic form that was originally identified as a subunit of the microtubule-associated protein 1, and a 14-16 kDa form that is associated with the autophagosome membrane.

Storage

Storage:
2-8°C

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

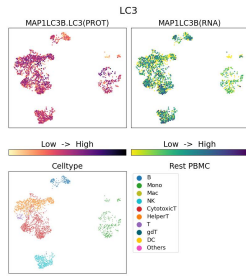
For technical support and original validation data for this product please contact:

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

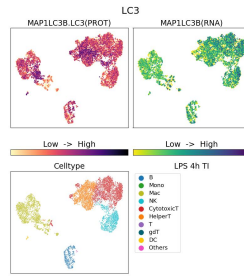
E: proteintech@ptglab.com
W: ptglab.com

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

Selected Validation Data



G81004-1-5C was used to stain Resting PBMC and analyzed with 10x Genomics Gene Expression Flex with Feature Barcodes and Multiplexing kit with Fix-Stain protocol.



G81004-1-5C 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.