

For Research Use Only

# MultiPro™ 5CFLX Anti-Human LDLR (1A2A3)



Catalog Number: G66414-1-5C

## Basic Information

<b>Catalog Number:</b> G66414-1-5C	<b>GenBank Accession Number:</b> BC014514	<b>CloneNo.:</b> 1A2A3
<b>Size:</b> 10ug, Concentration: 500ug/mL by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 3949	<b>Conjugate:</b> 5CFLX
<b>Source:</b> Mouse	<b>ENSEMBL Gene ID:</b> ENSG00000130164	<b>Full Oligo Sequence:</b> CGGAGATGTGTATAAGACAGAGCA GGACTAACGAGCCCATATAAGAAA
<b>Isotype:</b> IgG1	<b>UNIPROT ID:</b> P01130	<b>Barcode Sequence:</b> AGCAGGACTAACGAG
<b>Immunogen Catalog Number:</b> AG1236	<b>Full Name:</b> MultiPro™ 5CFLX Anti-Human LDLR (1A2A3)	

## Applications

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

**Species Specificity:**  
Human

## Background Information

LDLR (low density lipoprotein receptor) is a member of the LDL receptor gene family and is involved in receptor-mediated endocytosis of specific ligands. The LDLR is a cell surface glycoprotein that scavenges LDL from the blood and regulates plasma LDL cholesterol. The cytoplasmic domain of the LDL receptor is necessary for the receptor to cluster in coated pits, which promotes the rapid endocytosis of bound LDL. The protein is highly glycosylated through N- and O-linkages and thus migrates at 100 to 160 kDa bands on SDS-PAGE.

## Storage

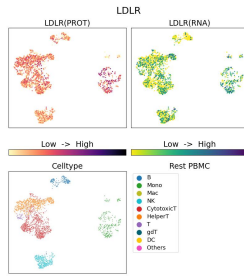
**Storage:**  
2-8°C

**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



G66414-1-5C was used to stain Resting PBMC and analyzed with 10x Genomics Gene Expression Flex with Feature Barcodes and Multiplexing kit with Fix-Stain protocol.