

For Research Use Only

# MultiPro™ 5CFLX Anti-Human CD42b (AK2)



Catalog Number: G65163-1-5C

## Basic Information

Catalog Number:

G65163-1-5C

Size:

500ug/mL

Source:

Mouse

Isotype:

IgG1

GenBank Accession Number:

BC027955

GeneID (NCBI):

2811

ENSEMBL Gene ID:

ENSG00000185245

UNIPROT ID:

P07359

Full Name:

MultiPro™ 5CFLX Anti-Human CD42b (AK2)

CloneNo.:

AK2

Conjugate:

5CFLX

Full Oligo Sequence:

CGGAGATGTGTATAAGACAGCCGT  
CCATCGGACGCCCATATAAGAAA

Barcode Sequence:

CCGTCCATCGGACGC

## Applications

Tested Applications:

Single Cell (Intra)

Species Specificity:

Human

## Background Information

CD42b, also known as platelet glycoprotein Ib alpha chain (GPIb alpha), is a type I transmembrane glycoprotein of 135-145 kDa (PMID: 2656709). It is expressed on platelets and megakaryocytes. CD42b and CD42c (GPIb beta) are linked by a disulphide bond to form GPIb (PMID: 7660135). GPIb forms a noncovalent complex with CD42a (GPIX) and CD42d (GPV) and acts as a receptor for von Willebrand factor (vWF) and thrombin (PMID: 7660135; 3759960). The GPIb-V-IX complex mediates vWF-dependent platelet adhesion to blood vessels. Defects in the expression of CD42b result in Bernard-Soulier syndromes and platelet-type von Willebrand disease (PMID: 9371310).

## 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:

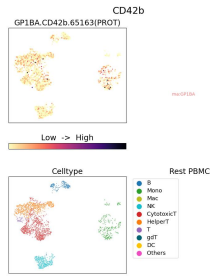
T: 4006900926

E: Proteintech-CN@ptglab.com

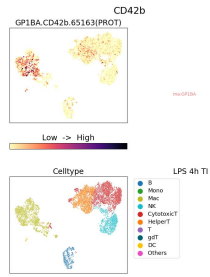
W: ptgcn.com

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## Selected Validation Data



G65163-1-5C was used to stain Resting PBMC and analyzed with 10x Genomics Gene Expression Flex with Feature Barcodes and Multiplexing kit with Fix-Stain protocol.



G65163-1-5C 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.