

MultiPro[™] 5CFLX Anti-Human CD42b (AK2)

Catalog Number: **G65163-1-5C**

Basic Information

Catalog Number:	GenBank Accession Number:	CloneNo.:
G65163-1-5C	BC027955	AK2
Size:	GeneID (NCBI):	Conjugate:
500ug/mL	2811	5CFLX
Source:	ENSEMBL Gene ID:	Full Oligo Sequence:
Mouse	ENSG00000185245	CGGAGATGTGTATAAGACAGCCGT
Isotype:	UNIPROT ID:	CCATCGGACGCCCCATATAAGAAA
IgG1	P07359	Barcode Sequence:
	Full Name:	CCGTCCATCGGACGC
	MultiPro [™] 5CFLX Anti-Human CD42b (AK2)	

Applications

Tested Applications:
Single Cell (Intra)

Species Specificity:
Human

Background Information

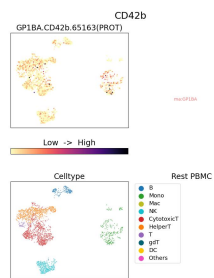
CD42b, also known as platelet glycoprotein Ib alpha chain (GPIb alpha), is a type I transmembrane glycoprotein of 135-145 kDa (PMID: 2656709). It is expressed on platelets and megakaryocytes. CD42b and CD42c (GPIb beta) are linked by a disulphide bond to form GPIb (PMID: 7660135). GPIb forms a noncovalent 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

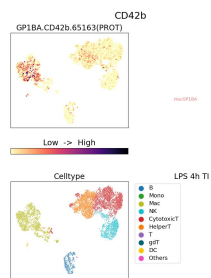
Storage:
2-8°C

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

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.