

For Research Use Only

MultiPro™ 5CFLX Anti-Human CD163 (GHI/61)



Catalog Number: G65169-1-5C

Basic Information

Catalog Number: G65169-1-5C	GenBank Accession Number: BC051281	CloneNo.: GHI/61
Size: 10ug, Concentration: 500ug/mL by Bradford method using BSA as the standard;	GeneID (NCBI): 9332	Conjugate: 5CFLX
Source: Mouse	ENSEMBL Gene ID: ENSG00000177575	Full Oligo Sequence: CGGAGATGTGTATAAGACAGACCG CGACCTGATAACCCATATAAGAAA
Isotype: IgG1, kappa	UNIPROT ID: Q86VB7	Barcode Sequence: ACCGCGACCTGATAA
	Full Name: MultiPro™ 5CFLX Anti-Human CD163 (GHI/61)	

Applications

Tested Applications:
Single Cell (Intra)

Species Specificity:
Human

Background Information

CD163, also known as M130, is a membrane glycoprotein which belongs to the scavenger receptor superfamily (PMID: 8370408). It is an acute phase-regulated and signal-inducing macrophage protein expressed exclusively in monocytes and tissue macrophages (PMID: 11196644). CD163 mediates endocytosis of haptoglobin-haemoglobin complexes (PMID: 11196644). The uptake of haptoglobin by macrophages contributes to the recycling of iron and also to the inflammatory response (PMID: 22900885). Soluble CD163 (sCD163), as a result of ectodomain shedding during inflammatory activation of macrophages, circulates in blood and has been suggested as a plasma/serum marker for macrophage activity (PMID: 12570164).

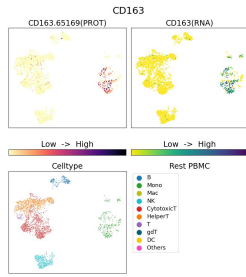
Storage

Storage:
2-8°C
Storage Buffer:
PBS with 1mM EDTA and 0.09% sodium azide

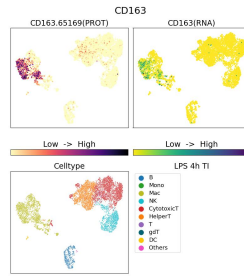
For technical support and original validation data for this product please contact:
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E: proteintech@ptglab.com
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



G65169-1-5C was used to stain Resting PBMC and analyzed with 10x Genomics Gene Expression Flex with Feature Barcodes and Multiplexing kit with Fix-Stain protocol.



G65169-1-5C 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.