For Research Use Only

MultiProTM 5CFLX Anti-Human CD163 (GHI/61)

Antibodies | ELISA kits | Proteins www.ptglab.com

Catalog Number: G65169-1-5C

Basic Information	Catalog Number: G65169-1-5C	GenBank Accession Number: BC051281	CloneNo.: GHI/61
	Size: 500ug/mL	GenelD (NCBI): 9332	Conjugate: 5CFLX
	Source: Mouse	ENSEMBL Gene ID: ENSG00000177575	Full Oligo Sequence: CGGAGATGTGTATAAGAGACAGACCG CGACCTGATAACCCATATAAGAAA Barcode Sequence: ACCGCGACCTGATAA D163
	Isotype: IgG1, kappa	UNIPROT ID: Q86VB7 Full Name: MultiPro TM 5CFLX Anti-Human CI (GHI/61)	
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:T: 4006900926E: Proteintech-CN@ptglab.comW: ptgcn.com

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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.