

For Research Use Only

# Mouse CD163 Recombinant antibody, PBS Only (Detector)



Catalog Number: 83285-3-PBS

## Basic Information

<b>Catalog Number:</b> 83285-3-PBS	<b>GenBank Accession Number:</b> NM_053094.2	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 1 mg/ml	<b>GeneID (NCBI):</b> 93671	<b>CloneNo.:</b> 240233F11
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q2VLH6-1	
<b>Isotype:</b> IgG	<b>Full Name:</b> CD163 antigen	
	<b>Calculated MW:</b> 121 kDa	

## Applications

**Tested Applications:**  
Indirect ELISA, Cytometric bead array

**Species Specificity:**  
Mouse

## Background Information

CD163, also known as M130, is a membrane glycoprotein that 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:**  
Store at -80°C.  
**The product is shipped with ice packs. Upon receipt, store it immediately at -80°C**

**Storage Buffer:**  
PBS Only

For technical support and original validation data for this product please contact:

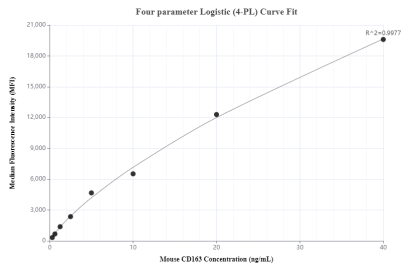
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

W: [ptgcn.com](http://ptgcn.com)

**This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.**

## Selected Validation Data



Cytometric bead array standard curve of MP00326-2, MOUSE CD163 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 83285-2-PBS. Detection antibody: 83285-3-PBS. Standard: Eg0794. Range: 0.313-40ng/mL.