

For Research Use Only

# Mouse CD64 Recombinant antibody, PBS Only (Detector)

Catalog Number: 84518-1-PBS



## Basic Information

Catalog Number:	84518-1-PBS	GenBank Accession Number:	NM_010186.5	Purification Method:	Protein A purification
Size:	1 mg/ml	GeneID (NCBI):	14129	CloneNo.:	241809D1
Source:	Rabbit	UNIPROT ID:	P26151		
Isotype:	IgG	Full Name:	Fc receptor, IgG, high affinity I		
		Calculated MW:	45 kDa		

## Applications

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

**Species Specificity:**  
mouse

## Background Information

Fc $\gamma$  receptor comprise a multigene family of integral membrane glycoproteins that exhibit complex activation or inhibitory effects on cell functions after aggregation by complexed immunoglobulin G (IgG) (PMID: 17005690). CD64, also known as Fc $\gamma$  R1A, is a high-affinity receptor for the Fc region of IgG. It is expressed by monocytes/macrophages, activated neutrophils, dendritic cells, and early myeloid cells (PMID: 23293080; 19642859; 7680917). CD64 functions in both innate and adaptive immune responses.

## 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:

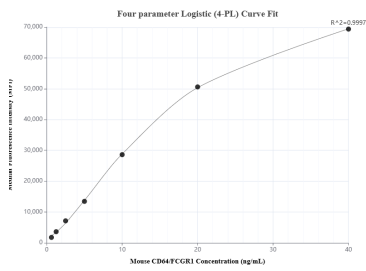
T: 4006900926

E: Proteintech-CN@ptglab.com

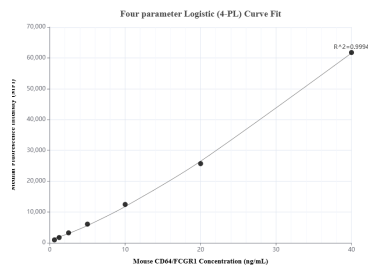
W: ptgcn.com

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## Selected Validation Data



Cytometric bead array standard curve of MP01366-1, MOUSE CD64 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 84518-2-PBS. Detection antibody: 84518-1-PBS. Standard: Eg2107. Range: 0.625-40 ng/mL.



Cytometric bead array standard curve of MP01366-2, MOUSE CD64 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 84518-3-PBS. Detection antibody: 84518-1-PBS. Standard: Eg2107. Range: 0.625-40 ng/mL.