

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: 100ug , Concentration: 1 mg/ml by Nanodrop;	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

Product Information

84518-1-PBS targets CD64 as part of a matched antibody pair:

MP01366-1: 84518-2-PBS capture and 84518-1-PBS detection (validated in Cytometric bead array)

MP01366-2: 84518-3-PBS capture and 84518-1-PBS detection (validated in Cytometric bead array)

Unconjugated rabbit recombinant monoclonal antibody in PBS only (BSA and azide free) storage buffer at a concentration of 1 mg/mL, ready for conjugation. Created using Proteintech's proprietary in-house recombinant technology. Recombinant production enables unrivalled batch-to-batch consistency, easy scale-up, and future security of supply.

This conjugation ready format makes antibodies ideal for use in many applications including: ELISAs, multiplex assays requiring matched pairs, mass cytometry, and multiplex imaging applications. Antibody use should be optimized by the end user for each application and assay.

Background Information

Fcγ 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 Fcγ 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.

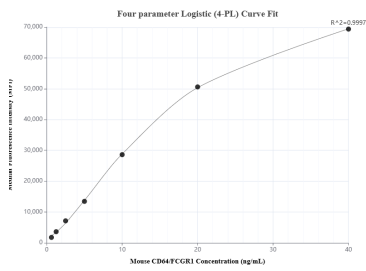
Storage

Storage:
Store at -80°C.
Storage Buffer:
PBS Only

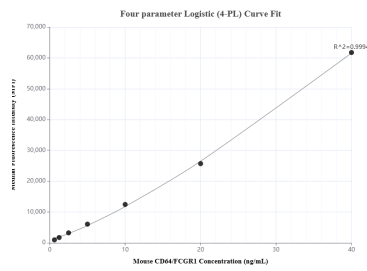
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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 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.