

For Research Use Only

# Mouse Cd38 Recombinant antibody, PBS Only (Detector)

Catalog Number: 85843-5-PBS



## Basic Information

Catalog Number:	85843-5-PBS	GenBank Accession Number:	NM_007646.5	Purification Method:	Protein A purification
Size:	100ug, Concentration: 1 mg/ml by Nanodrop;	GenID (NCBI):	12494	CloneNo.:	250107A8
Source:	Rabbit	UNIPROT ID:	P56528		
Isotype:	IgG	Full Name:	CD38 antigen		
Immunogen Catalog Number:	EG2915	Calculated MW:	34 kDa		

## Applications

Tested Applications:  
Sandwich ELISA, Indirect ELISA, Sample test

Species Specificity:  
mouse

## Product Information

85843-5-PBS targets Cd38 as part of a matched antibody pair:

MPO2159-3: 85843-2-PBS capture and 85843-5-PBS detection (validated in Sandwich ELISA)

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.

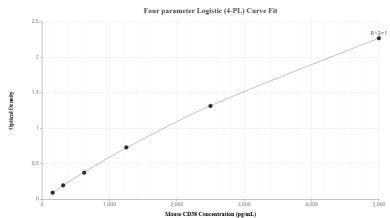
## Storage

Storage:  
Store at -80°C.  
Storage Buffer:  
PBS only, pH7.3

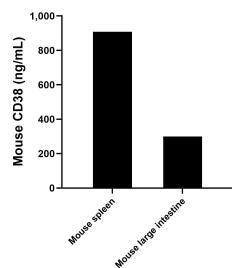
For technical support and original validation data for this product please contact:  
T: 1(888) 4PTGLAB (1-888-478-4522) (toll free  
in USA), or 1(312) 455-8498 (outside USA)      E: proteintech@ptglab.com  
W: ptglab.com

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other manufacturer.

## Selected Validation Data



Sandwich ELISA standard curve of MP02159-3, Mouse CD38 Recombinant Matched Antibody Pair - PBS only. 85843-2-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg2915.85843-5-PBS was HRP conjugated as the detection antibody. Range: 156-5000 pg/mL



The mean CD38 concentration was determined to be 907.60 ng/mL in mouse spleen tissue extract based on a 8.4 mg/mL extract load and 299.10 ng/mL in mouse large intestine tissue extract based on a 4.1 mg/mL extract load.