

# Mouse CD38 Recombinant Matched Antibody Pair, PBS Only

Catalog Number: **MP02159-3**

## Capture Antibody Information

**Catalog Number:**  
85843-2-PBS  
**Host:**  
Rabbit  
**Isotype:**  
IgG  
**Purification Method:**  
Protein A purification

**Clone ID:**  
250107D11  
**Reactivity:**  
mouse  
**GenBank:**  
NM\_007646.5  
**Immunogen Catalog Number:**  
Eg2915

**Conjugate:**  
Unconjugated  
**Full name:**  
CD38 antigen  
**Gene ID:**  
12494

## Detection Antibody Information

**Catalog Number:**  
85843-5-PBS  
**Host:**  
Rabbit  
**Isotype:**  
IgG  
**Purification Method:**  
Protein A purification

**Clone ID:**  
250107A8  
**Reactivity:**  
mouse  
**GenBank:**  
NM\_007646.5  
**Immunogen Catalog Number:**  
Eg2915

**Conjugate:**  
Unconjugated  
**Full name:**  
CD38 antigen  
**Gene ID:**  
12494

## Applications

**Tested Applications:**  
Sandwich ELISA

**Range:**  
156-5000 pg/mL (Sandwich ELISA)

**Recommended Dilutions:**  
It is recommended that this reagent should be titrated in each testing system to obtain optimal results.

## Product Information

MP02159-3 targets CD38 in immunoassays as a matched antibody pair. Validated in Sandwich ELISA.

Capture antibody: Mouse Cd38 Recombinant antibody, PBS Only (Capture) 85843-2-PBS (250107D11). 100 µg. Concentration 1 mg/mL.

Detection antibody: Mouse Cd38 Recombinant antibody, PBS Only (Detector) 85843-5-PBS (250107A8). 100 µg. Concentration 1 mg/mL.

Unconjugated rabbit recombinant monoclonal antibody pair in PBS only 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.

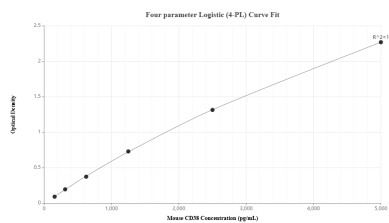
Matched antibody pairs are designed for use in a variety of assays and platforms that require matched antibody pairs.

Antibody use should be optimized for each application and assay.

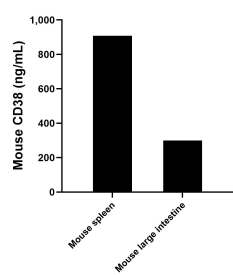
## Storage

**Storage:**  
Store at -80°C.  
**The product is shipped with ice packs. Upon receipt, store it immediately at -80°C**  
**Storage buffer:**  
PBS only

## 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.