

# Mouse CD9 Recombinant Matched Antibody Pair, PBS Only

Catalog Number: **MP01578-3**

## Capture Antibody Information

Catalog Number:  
84801-2-PBS

Host:  
Rabbit

Isotype:  
IgG

Purification Method:  
Protein A purification

Clone ID:  
242432G4

Reactivity:  
mouse

GenBank:  
NM\_007657.3

Conjugate:  
Unconjugated

Full name:  
CD9 antigen

Gene ID:  
12527

## Detection Antibody Information

Catalog Number:  
84801-6-PBS

Host:  
Rabbit

Isotype:  
IgG

Purification Method:  
Protein A purification

Clone ID:  
242432A11

Reactivity:  
mouse

GenBank:  
NM\_007657.3

Conjugate:  
Unconjugated

Full name:  
CD9 antigen

Gene ID:  
12527

## Applications

Tested Applications:  
Sandwich ELISA

Range:  
0.156-10 ng/mL (Sandwich ELISA)

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

## Product Information

MP01578-3 targets CD9 in immunoassays as a matched antibody pair. Validated in Sandwich ELISA.

Capture antibody: Mouse CD9 Recombinant antibody, PBS Only (Capture/Detector) 84801-2-PBS (242432G4). 100  $\mu$ g. Concentration 1 mg/mL.

Detection antibody: Mouse CD9 Recombinant antibody, PBS Only (Detector) 84801-6-PBS (242432A11). 100  $\mu$ g. 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:

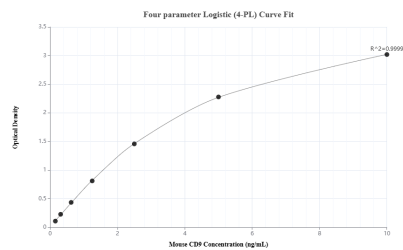
Store at -80°C.

**The product is shipped with ice packs. Upon receipt, store it immediately at -80°C**

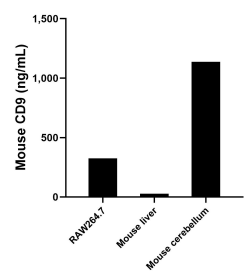
Storage buffer:

PBS only

## Selected Validation Data



Sandwich ELISA standard curve of MP01578-3, Mouse CD9 Recombinant Matched Antibody Pair - PBS only. 84801-2-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg1397. 84801-6-PBS was HRP conjugated as the detection antibody. Range: 0.156-10 ng/mL



The mean CD9 concentration was determined to be 325.24 ng/mL in RAW264.7 cell extract based on a 1.3 mg/mL extract load, 27.50 ng/mL in mouse liver tissue extract based on a 3.7 mg/mL extract load and 1,137.62 ng/mL in mouse cerebellum tissue extract based on a 2.9 mg/mL extract load.