

# Rat MMP-9 Recombinant Matched Antibody Pair, PBS Only

Catalog Number:MP00757-1

## Capture Antibody Information

**Catalog Number:**  
83768-2-PBS

**Host:**  
Rabbit

**Isotype:**  
IgG

**Purification Method:**  
Protein A purification

**Clone ID:**  
240895B5

**Reactivity:**  
rat

**GenBank:**  
NM\_031055.2

**Conjugate:**  
Unconjugated

**Full name:**  
matrix metalloproteinase 9

**Gene ID:**  
81687

## Detection Antibody Information

**Catalog Number:**  
83768-1-PBS

**Host:**  
Rabbit

**Isotype:**  
IgG

**Purification Method:**  
Protein A purification

**Clone ID:**  
240895A8

**Reactivity:**  
rat

**GenBank:**  
NM\_031055.2

**Conjugate:**  
Unconjugated

**Full name:**  
matrix metalloproteinase 9

**Gene ID:**  
81687

## Applications

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

**Range:**  
1.56-100 ng/mL (Cytometric Bead Array)  
0.313-20 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

MP00757-1 targets MMP-9 in immunoassays as a matched antibody pair. Validated in Cytometric bead array, Sandwich ELISA.

Capture antibody: Rat Mmp9 Recombinant antibody, PBS Only (Capture) 83768-2-PBS (240895B5). 100 µg. Concentration 1 mg/ml.

Detection antibody: Rat Mmp9 Recombinant antibody, PBS Only (Detector) 83768-1-PBS (240895A8). 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.

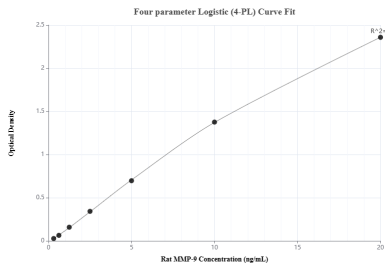
## Storage

**Storage:**  
Store at -80°C.

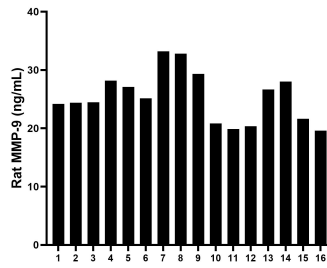
**The product is shipped with ice packs. Upon receipt, store it immediately at -80°C**

**Storage buffer:**  
PBS only

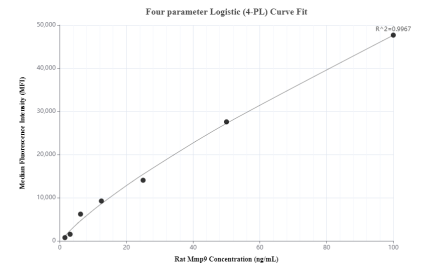
## Selected Validation Data



Sandwich ELISA standard curve of MP00757-1, Rat MMP-9 Recombinant Matched Antibody Pair - PBS only. 83768-2-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg0439. 83768-1-PBS was HRP conjugated as the detection antibody. Range: 0.313-20 ng/mL



Serum of sixteen rats was measured. The rat MMP-9 concentration of detected samples was determined to be 25.36 ng/mL with a range of 19.61 - 33.20 ng/mL



Cytometric bead array standard curve of MP00757-1, RAT MMP-9 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 83768-2-PBS. Detection antibody: 83768-1-PBS. Standard: Eg0439. Range: 1.56-100 ng/mL