

# MDM1 Recombinant Matched Antibody Pair, PBS Only

Catalog Number: MP00166-1

## Capture Antibody Information

**Catalog Number:**  
83141-3-PBS

**Host:**  
Rabbit

**Isotype:**  
IgG

**Purification Method:**  
Protein A purification

**Clone ID:**  
230425B12

**Reactivity:**  
human

**GenBank:**  
BC028355

**Immunogen Catalog Number:**  
Ag10541

**Conjugate:**  
Unconjugated

**Full name:**  
Mdm1 nuclear protein homolog (mouse)

**Gene ID:**  
56890

## Detection Antibody Information

**Catalog Number:**  
83141-2-PBS

**Host:**  
Rabbit

**Isotype:**  
IgG

**Purification Method:**  
Protein A purification

**Clone ID:**  
230425E10

**Reactivity:**  
human, mouse

**GenBank:**  
BC028355

**Immunogen Catalog Number:**  
Ag10541

**Conjugate:**  
Unconjugated

**Full name:**  
Mdm1 nuclear protein homolog (mouse)

**Gene ID:**  
56890

## Applications

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

**Range:**  
0.625-20 ng/mL (Cytometric Bead Array)  
46.8-3000 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

MP00166-1 targets MDM1 in immunoassays as a matched antibody pair. Validated in Cytometric bead array, Sandwich ELISA.

Capture antibody: MDM1 Recombinant antibody, PBS Only (Capture) 83141-3-PBS (230425B12). 100 µg. Concentration 1 mg/mL.

Detection antibody: MDM1 Recombinant antibody, PBS Only (Detector) 83141-2-PBS (230425E10). 100 µg. Concentration 1 mg/mL.

Alternative MDM1 matched antibody pairs: MP00166-2, MP00166-3

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.

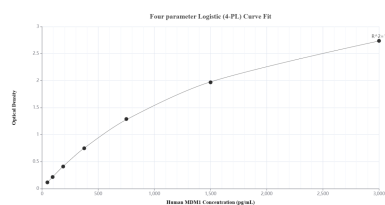
Matched antibody pairs are designed for use in a variety of assays and platforms that require matched antibody pairs.

Antibody use should be optimized for each application and assay.

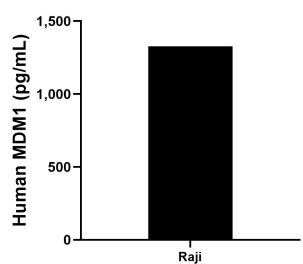
## Storage

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

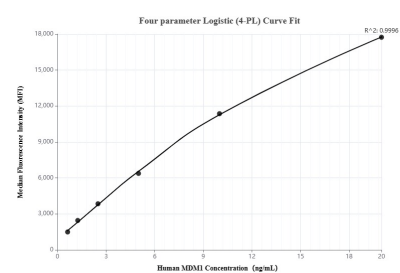
## Selected Validation Data



Sandwich ELISA standard curve of MP00166-1, Human MDM1 Recombinant Matched Antibody Pair - PBS only. 83141-3-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag10541. 83141-2-PBS was HRP conjugated as the detection antibody. Range: 46.8-3000 pg/mL



The mean MDM1 concentration was determined to be 1,326.4 pg/mL in Raji cell extract based on a 4.0 mg/mL extract load.



Cytometric bead array standard curve of MP00166-1, MDM1 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 83141-3-PBS. Detection antibody: 83141-2-PBS. Standard: Ag10541. Range: 0.625-20 ng/mL