

For Research Use Only

# Mouse TPOR/MPL Recombinant Matched Antibody Pair, PBS Only



Catalog Number:MP03112-1

## Capture Antibody Information

**Catalog Number:**  
87664-2-PBS  
**Host:**  
Rabbit  
**Isotype:**  
IgG  
**Purification Method:**  
Protein A purification

**Clone ID:**  
252493B8  
**Reactivity:**  
mouse  
**Immunogen Catalog Number:**  
Eg2891

**Conjugate:**  
Unconjugated  
**Full name:**  
myeloproliferative leukemia virus oncogene  
**Gene ID:**  
17480

## Detection Antibody Information

**Catalog Number:**  
87664-1-PBS  
**Host:**  
Rabbit  
**Isotype:**  
IgG  
**Purification Method:**  
Protein A purification

**Clone ID:**  
252493G12  
**Reactivity:**  
mouse  
**GenBank:**  
CAA52031.1  
**Immunogen Catalog Number:**  
Eg2891

**Conjugate:**  
Unconjugated  
**Full name:**  
myeloproliferative leukemia virus oncogene  
**Gene ID:**  
17480

## Applications

**Tested Applications:**  
Sandwich ELISA

**Range:**  
39-2500 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

MP03112-1 targets TPOR/MPL in immunoassays as a matched antibody pair. Validated in Sandwich ELISA.

Capture antibody: Mouse Mpl Recombinant monoclonal antibody, PBS Only (Capture) 87664-2-PBS (252493B8). 100 µg. Concentration 1 mg/mL.

Detection antibody: Mouse Mpl Recombinant monoclonal antibody, PBS Only (Detector) 87664-1-PBS (252493G12). 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.  
**Storage buffer:**  
PBS only

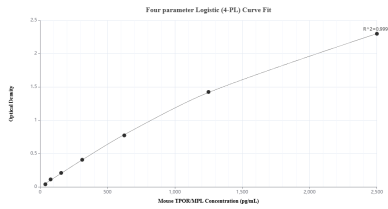
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

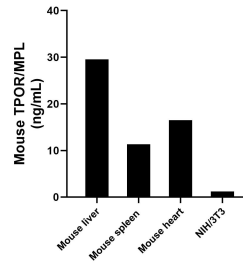
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
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## Selected Validation Data



Sandwich ELISA standard curve of MP03112-1, Mouse TPOR/MPL Recombinant Matched Antibody Pair - PBS only. 87664-2-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg2891. 87664-1-PBS was HRP conjugated as the detection antibody. Range: 39-2500 pg/mL



The mean TPOR/MPL concentration was determined to be 29.55 ng/mL in mouse liver tissue extract based on a 8.4 mg/mL extract load, 11.34 ng/mL in mouse spleen tissue extract based on a 8.5 mg/mL extract load, 16.49 ng/mL in mouse heart tissue extract based on a 5.4 mg/mL extract load and 1.18 ng/mL in NIH/3T3 cell extract based on a 1.2 mg/mL extract load.