

For Research Use Only

# TIMP1 Monoclonal Matched Antibody Pair, PBS Only



Catalog Number:MP50084-1

## Capture Antibody Information

**Catalog Number:**  
68691-1-PBS  
**Host:**  
Mouse  
**Isotype:**  
IgG1  
**Purification Method:**  
Protein G purification

**Clone ID:**  
2B12A2  
**Reactivity:**  
Human

**Conjugate:**  
Unconjugated  
**Full name:**  
TIMP metalloproteinase inhibitor 1  
**Gene ID:**  
7076  
**Affinity:**  
 $K_D = 1.61 \times 10^{-8}M$   
 $K_{Off} = 5.73 \times 10^{-4}M$   
 $K_{On} = 3.56 \times 10^4M$

## Detection Antibody Information

**Catalog Number:**  
68691-2-PBS  
**Host:**  
Mouse  
**Isotype:**  
IgG1  
**Purification Method:**  
Protein G purification

**Clone ID:**  
2D1E8  
**Reactivity:**  
Human  
**GenBank:**  
BC000866

**Conjugate:**  
Unconjugated  
**Full name:**  
TIMP metalloproteinase inhibitor 1  
**Gene ID:**  
7076  
**Affinity:**  
 $K_D = 6.19 \times 10^{-10}M$   
 $K_{Off} = 2.13 \times 10^{-4}M$   
 $K_{On} = 3.45 \times 10^5M$

## Applications

**Tested Applications:**  
Sandwich ELISA

**Range:**  
31.25-2000 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

MP50084-1 targets TIMP1 in immunoassays as a matched antibody pair. Validated in Sandwich ELISA.  
Capture antibody: TIMP1 Monoclonal antibody, PBS Only (Capture) 68691-1-PBS (2B12A2). 100 µg. Concentration 1 mg/mL.  
Detection antibody: TIMP1 Monoclonal antibody, PBS Only (Detector) 68691-2-PBS (2D1E8). 100 µg. Concentration 1 mg/mL.  
Alternative TIMP1 matched antibody pairs: MP00245-1, MP00245-2, MP00245-3, MP50084-2  
Unconjugated mouse monoclonal antibody pair in PBS only storage buffer at a concentration of 1 mg/mL, ready for conjugation.  
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.

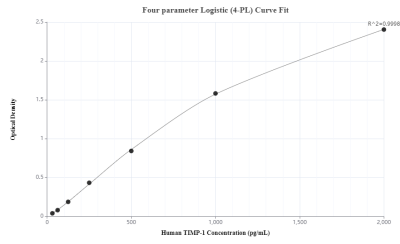
## Storage

**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  
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

## Selected Validation Data



Sandwich ELISA standard curve of MP50084-1, TIMP1 Monoclonal Matched Antibody Pair - PBS only. 68691-1-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg0638. 68691-2-PBS was HRP conjugated as the detection antibody. Range: 31.25-2000 pg/mL