

For Research Use Only

# TIMP1 Monoclonal Matched Antibody Pair, PBS Only



Catalog Number:MP50084-2

## Capture Antibody Information

**Catalog Number:**  
68691-3-PBS  
**Host:**  
Mouse  
**Isotype:**  
IgG1  
**Purification Method:**  
Protein G purification

**Clone ID:**  
2C4G3  
**Reactivity:**  
Human

**Conjugate:**  
Unconjugated  
**Full name:**  
TIMP metalloproteinase inhibitor 1  
**Gene ID:**  
7076  
**Affinity:**  
 $K_D = 1.12 \times 10^{-9}M$   
 $K_{Off} = 4.45 \times 10^{-4}M$   
 $K_{On} = 3.99 \times 10^5M$

## Detection Antibody Information

**Catalog Number:**  
68691-4-PBS  
**Host:**  
Mouse  
**Isotype:**  
IgG1  
**Purification Method:**  
Protein G purification

**Clone ID:**  
2F2C2  
**Reactivity:**  
Human  
**GenBank:**  
BC000866

**Conjugate:**  
Unconjugated  
**Full name:**  
TIMP metalloproteinase inhibitor 1  
**Gene ID:**  
7076  
**Affinity:**  
 $K_D = 1.57 \times 10^{-9}M$   
 $K_{Off} = 3.48 \times 10^{-4}M$   
 $K_{On} = 2.22 \times 10^5M$

## Applications

**Tested Applications:**  
Sandwich ELISA

**Range:**  
62.5-4000 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

MP50084-2 targets TIMP1 in immunoassays as a matched antibody pair. Validated in Sandwich ELISA.  
Capture antibody: TIMP1 Monoclonal antibody, PBS Only (Capture) 68691-3-PBS (2C4G3). 100 µg. Concentration 1 mg/mL.  
Detection antibody: TIMP1 Monoclonal antibody, PBS Only (Detector) 68691-4-PBS (2F2C2). 100 µg. Concentration 1 mg/mL.  
Alternative TIMP1 matched antibody pairs: MP00245-1, MP00245-2, MP00245-3, MP50084-1  
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.

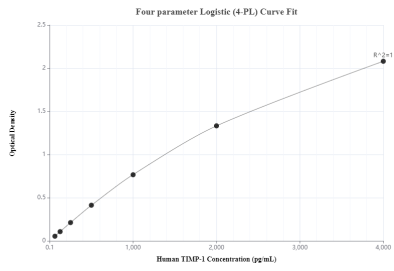
## Storage

**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 MP50084-2, TIMP1 Monoclonal Matched Antibody Pair - PBS only. 68691-3-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg0638. 68691-4-PBS was HRP conjugated as the detection antibody. Range: 62.5-4000 pg/mL.