

# 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 A 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 A 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.

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

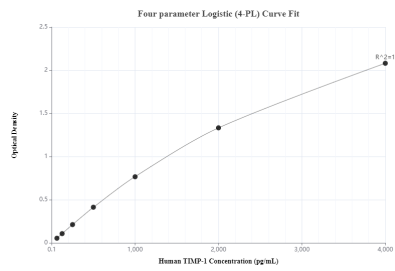
For technical support and original validation data for this product please contact:

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# 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.