

For Research Use Only

# TIMP1 Monoclonal antibody, PBS Only (Capture)

Catalog Number: 68691-3-PBS



## Basic Information

<b>Catalog Number:</b> 68691-3-PBS	<b>GenBank Accession Number:</b> BC000866	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 100ug , Concentration: 1mg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 7076	<b>CloneNo.:</b> 2C4G3
<b>Source:</b> Mouse	<b>UNIPROT ID:</b> P01033	<b>Affinity:</b> $K_D = 1.12 \times 10^{-9}M$
<b>Isotype:</b> IgG1	<b>Full Name:</b> TIMP metalloproteinase inhibitor 1	$K_{off} = 4.45 \times 10^{-4}M$ $K_{on} = 3.99 \times 10^5M$
	<b>Calculated MW:</b> 23 kDa	

## Applications

**Tested Applications:**  
Sandwich ELISA, Indirect ELISA

**Species Specificity:**  
human

## Product Information

68691-3-PBS targets TIMP1 as part of a matched antibody pair:

MP50084-2: 68691-3-PBS capture and 68691-4-PBS detection (validated in Sandwich ELISA)

Unconjugated mouse monoclonal antibody pair in PBS only (BSA and azide free) storage buffer at a concentration of 1 mg/mL, ready for conjugation.

This conjugation ready format makes antibodies ideal for use in many applications including: ELISAs, multiplex assays requiring matched pairs, mass cytometry, and multiplex imaging applications. Antibody use should be optimized by the end user for each application and assay.

## Storage

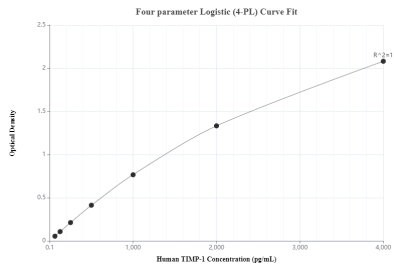
**Storage:**  
Store at -80°C.

**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.