

For Research Use Only

# TIMP1 Monoclonal antibody, PBS Only (Capture)

Catalog Number: 68691-1-PBS



## Basic Information

<b>Catalog Number:</b> 68691-1-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> 2B12A2
<b>Source:</b> Mouse	<b>UNIPROT ID:</b> P01033	<b>Affinity:</b> $K_D = 1.61 \times 10^{-8}M$
<b>Isotype:</b> IgG1	<b>Full Name:</b> TIMP metalloproteinase inhibitor 1	$K_{off} = 5.73 \times 10^{-4}M$ $K_{on} = 3.56 \times 10^4M$
	<b>Calculated MW:</b> 23 kDa	

## Applications

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

**Species Specificity:**  
human

## Product Information

68691-1-PBS targets TIMP1 as part of a matched antibody pair:

MP50084-1: 68691-1-PBS capture and 68691-2-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  $-80^{\circ}C$ .

**Storage Buffer:**  
PBS Only

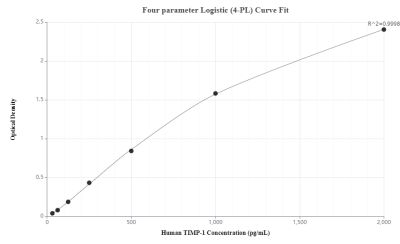
For technical support and original validation data for this product please contact:

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## Selected Validation Data



Sandwich ELISA standard curve of MP50084-1, 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