

For Research Use Only

# TIMP1 Recombinant antibody, PBS Only (Detector)

Catalog Number: 83151-7-PBS



## Basic Information

<b>Catalog Number:</b> 83151-7-PBS	<b>GenBank Accession Number:</b> BC000866	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 100ug, Concentration: 1 mg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 7076	<b>CloneNo.:</b> 230329F6
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> P01033	
<b>Isotype:</b> IgG	<b>Full Name:</b> TIMP metalloproteinase inhibitor 1	
	<b>Calculated MW:</b> 23 kDa	

## Applications

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

**Species Specificity:**  
human

## Product Information

83151-7-PBS targets TIMP1 as part of a matched antibody pair:

MP00245-4: 83151-3-PBS capture and 83151-7-PBS detection (validated in Sandwich ELISA)

Unconjugated rabbit recombinant monoclonal antibody in PBS only (BSA and azide free) storage buffer at a concentration of 1 mg/mL, ready for conjugation. Created using Proteintech's proprietary in-house recombinant technology. Recombinant production enables unrivalled batch-to-batch consistency, easy scale-up, and future security of supply.

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

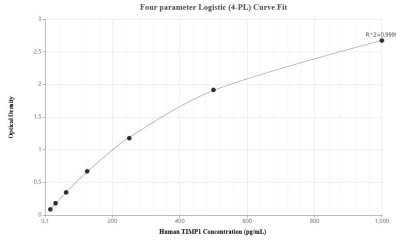
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

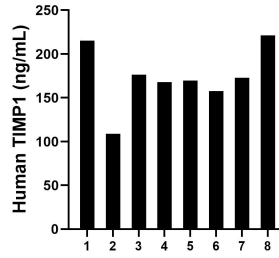
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
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**This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.**

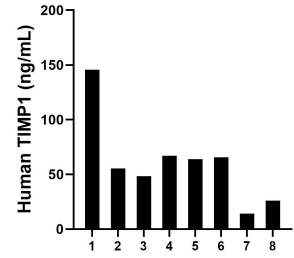
## Selected Validation Data



Sandwich ELISA standard curve of MP00245-4, Human TIMP1 Recombinant Matched Antibody Pair - PBS only. 83151-3-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg0638. 83151-7-PBS was HRP conjugated as the detection antibody. Range: 15.6-1000 pg/mL



Serum of eight individual healthy human donors was measured. The human TIMP1 concentration of detected samples was determined to be 173.6 ng/mL with a range of 108.8 - 221.2 pg/mL



Saliva of eight individual healthy human donors was measured. The human TIMP1 concentration of detected samples was determined to be 60.8 ng/mL with a range of 14.2 - 145.8 pg/mL