

For Research Use Only

# TIMP1 Recombinant antibody, PBS Only (Detector)



Catalog Number: 83151-2-PBS

## Basic Information

Catalog Number: 83151-2-PBS	GenBank Accession Number: BC000866	Purification Method: Protein A purification
Size: 1mg/ml	GeneID (NCBI): 7076	CloneNo.: 230329F11
Source: Rabbit	UNIPROT ID: P01033	Affinity: $K_D = 1.75 \times 10^{-11}$
Isotype: IgG	Full Name: TIMP metalloproteinase inhibitor 1	$K_{off} = 5.52 \times 10^{-6}$ $K_{on} = 3.15 \times 10^5$
	Calculated MW: 23 kDa	

## Applications

**Tested Applications:**  
Cytometric bead array, Sandwich ELISA, Indirect ELISA, Sample test

**Species Specificity:**  
human

## Background Information

### Storage

**Storage:**  
Store at -80°C.  
**The product is shipped with ice packs. Upon receipt, store it immediately at -80°C**

**Storage Buffer:**  
PBS Only

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

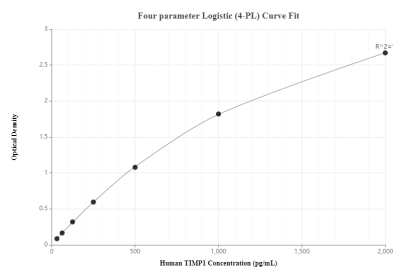
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

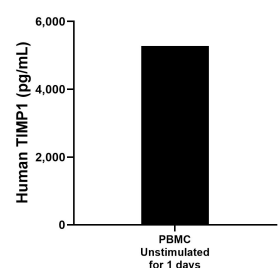
W: [ptgcn.com](http://ptgcn.com)

**This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.**

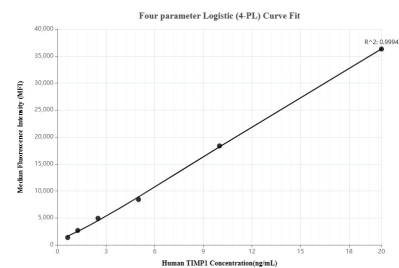
## Selected Validation Data



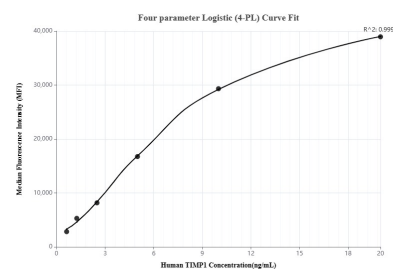
Sandwich ELISA standard curve of MP00245-4, TIMP1 Recombinant Matched Antibody Pair - PBS only. 83151-6-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg0638. 83151-2-PBS was HRP conjugated as the detection antibody. Range: 31.25-2000 pg/mL



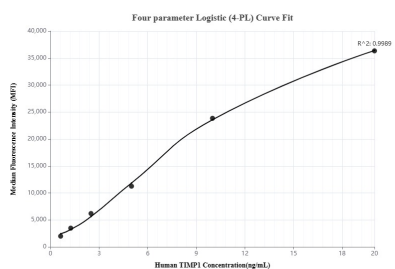
Human peripheral blood mononuclear cells (PBMC) were cultured for 1 day, the mean TIMP1 concentration was determined to be 5273.1 pg/mL in PBMC supernatant.



Cytometric bead array standard curve of MP00245-1, TIMP1 Recombinant Matched Antibody Pair - PBS only. Capture antibody: 83151-3-PBS. Detection antibody: 83151-2-PBS. Standard: Eg0638. Range: 0.625-20 ng/mL



Cytometric bead array standard curve of MP00245-2, TIMP1 Recombinant Matched Antibody Pair - PBS only. Capture antibody: 83151-1-PBS. Detection antibody: 83151-2-PBS. Standard: Eg0638. Range: 0.625-20 ng/mL



Cytometric bead array standard curve of MP00245-3, TIMP1 Recombinant Matched Antibody Pair - PBS only. Capture antibody: 83151-4-PBS. Detection antibody: 83151-2-PBS. Standard: Eg0638. Range: 0.625-20 ng/mL