

For Research Use Only

TIMP1 Recombinant antibody, PBS Only (Capture)



Catalog Number: 83151-3-PBS

Basic Information

Catalog Number: 83151-3-PBS	GenBank Accession Number: BC000866	Purification Method: Protein A purification
Size: 1mg/ml	GeneID (NCBI): 7076	CloneNo.: 230329E8
Source: Rabbit	UNIPROT ID: P01033	Affinity: $K_D = 2.16 \times 10^{-11}$
Isotype: IgG	Full Name: TIMP metalloproteinase inhibitor 1	$K_{off} = 4.92 \times 10^{-5}$
	Calculated MW: 23 kDa	$K_{on} = 2.28 \times 10^6$

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:

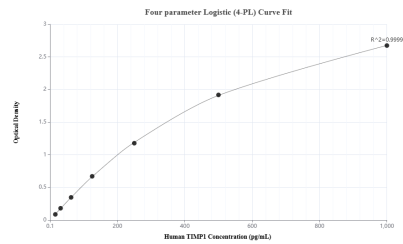
T: 4006900926

E: Proteintech-CN@ptglab.com

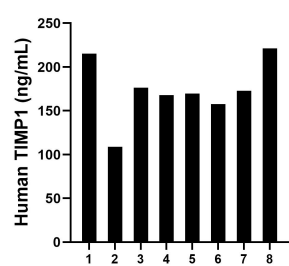
W: ptgcn.com

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

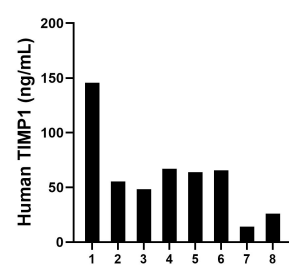
Selected Validation Data



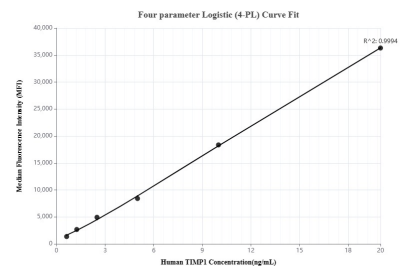
Sandwich ELISA standard curve of MP00245-4, Human TIMP1 Recombinant Matched Antibody Pair - PBS only. 83151-3-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg0638. 83151-7-PBS was HRP conjugated as the detection antibody. Range: 15.6-1000 pg/mL



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



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