

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: 100ug, Concentration: 1mg/ml by Nanodrop;	GeneID (NCBI): 7076	CloneNo.: 230329E8
Source: Rabbit	UNIPROT ID: P01033	Affinity: $K_D = 2.16 \times 10^{-11}M$
Isotype: IgG	Full Name: TIMP metalloproteinase inhibitor 1	$K_{off} = 4.92 \times 10^{-5}M$ $K_{on} = 2.28 \times 10^6M$
	Calculated MW: 23 kDa	

Applications

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

Species Specificity:
human

Product Information

83151-3-PBS targets TIMP1 as part of a matched antibody pair:

MP00245-1: 83151-3-PBS capture and 83151-2-PBS detection (validated in Cytometric bead array)

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.

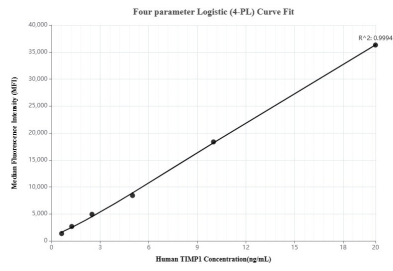
Storage

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
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



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