

For Research Use Only

TIMP1 Recombinant antibody, PBS Only (Capture)



Catalog Number: 83151-1-PBS

Basic Information

Catalog Number: 83151-1-PBS	GenBank Accession Number: BC000866	Purification Method: Protein A purification
Size: 100ug , Concentration: 1mg/ml by Nanodrop;	GeneID (NCBI): 7076	CloneNo.: 230329C5
Source: Rabbit	UNIPROT ID: P01033	Affinity: $K_D = 6.82 \times 10^{-11}M$
Isotype: IgG	Full Name: TIMP metalloproteinase inhibitor 1	$K_{off} = 1.35 \times 10^{-4}M$ $K_{on} = 1.98 \times 10^6M$
	Calculated MW: 23 kDa	

Applications

Tested Applications:
Indirect ELISA, Cytometric bead array

Species Specificity:
Human

Product Information

83151-1-PBS targets TIMP1 as part of a matched antibody pair:

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

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

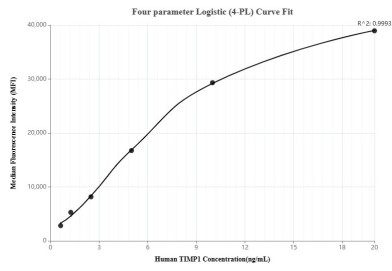
For technical support and original validation data for this product please contact:

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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



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