

For Research Use Only

Mouse Timp2 Recombinant antibody, PBS Only (Capture)

Catalog Number: 85882-4-PBS



Basic Information

Catalog Number: 85882-4-PBS	GenBank Accession Number: uniprot NM	Purification Method: Protein A purification
Size: 100ug, Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 21858	CloneNo.: 250231D5
Source: Rabbit	UNIPROT ID: P25785	
Isotype: IgG	Full Name: tissue inhibitor of metalloproteinase 2	
Immunogen Catalog Number: EG2960	Calculated MW: 24 kDa	

Applications

Tested Applications:
Sandwich ELISA, Indirect ELISA, Sample test

Species Specificity:
mouse

Product Information

85882-4-PBS targets Timp2 as part of a matched antibody pair:

MP02176-3: 85882-4-PBS capture and 85882-2-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

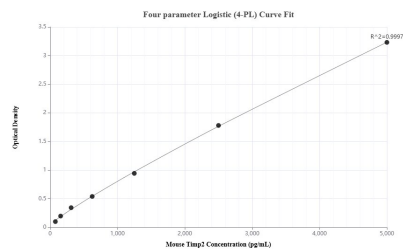
Storage:
Store at -80°C.

Storage Buffer:
PBS only, pH7.3

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.

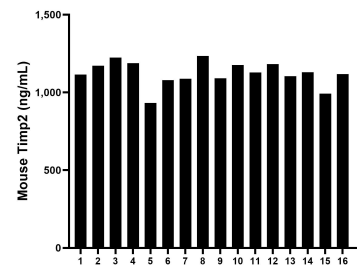
Selected Validation Data



Sandwich ELISA standard curve of MP02176-3, Mouse Timp2 Recombinant Matched Antibody Pair - PBS only. 85882-4-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg2960. 85882-2-PBS was HRP conjugated as the detection antibody. Range: 78.1-5000 pg/mL



Mouse lung tissue (3 lungs in 1-2 mm pieces in 100 mL of medium) was cultured for 5 days in RPMI supplemented with 10% fetal bovine serum, 5 μ M β -mercaptoethanol, 2 mM L-glutamine, 100 U/mL penicillin, and 100 μ g/mL streptomycin sulfate. An aliquot of the cell culture supernate was removed, assayed for mouse Timp2, and measured 53.04 ng/mL



Serum of sixteen mice was measured. The mouse Timp2 concentration of detected samples was determined to be 1,122.15 ng/mL with a range of 933.30 - 1,234.19 ng/mL.