

For Research Use Only

TIMP1 Monoclonal Matched Antibody Pair, PBS Only



Catalog Number:MP50084-1

Capture Antibody Information

Catalog Number:
68691-1-PBS
Host:
Mouse
Isotype:
IgG1
Purification Method:
Protein G purification

Clone ID:
2B12A2
Reactivity:
Human
GenBank:
BC000866

Conjugate:
Unconjugated
Full name:
TIMP metalloproteinase inhibitor 1
Gene ID:
7076
Affinity:
 $K_D = 1.61 \times 10^{-8}$
 $K_{off} = 5.73 \times 10^{-4}$
 $K_{on} = 3.56 \times 10^4$

Detection Antibody Information

Catalog Number:
68691-2-PBS
Host:
Mouse
Isotype:
IgG1
Purification Method:
Protein G purification

Clone ID:
2D1E8
Reactivity:
Human
GenBank:
BC000866

Conjugate:
Unconjugated
Full name:
TIMP metalloproteinase inhibitor 1
Gene ID:
7076
Affinity:
 $K_D = 6.19 \times 10^{-10}$
 $K_{off} = 2.13 \times 10^{-4}$
 $K_{on} = 3.45 \times 10^5$

Applications

Tested Applications:
Sandwich ELISA

Range:
31.25-2000 pg/mL (Sandwich ELISA)

Recommended Dilutions:
It is recommended that this reagent should be titrated in each testing system to obtain optimal results.

Product Information

MP50084-1 targets TIMP1 in immunoassays as a matched antibody pair. Validated in Sandwich ELISA.
Capture antibody: TIMP1 Monoclonal antibody, PBS Only (Capture) 68691-1-PBS (2B12A2). 100 µg. Concentration 1 mg/mL.
Detection antibody: TIMP1 Monoclonal antibody, PBS Only (Detector) 68691-2-PBS (2D1E8). 100 µg. Concentration 1 mg/mL.
Alternative TIMP1 matched antibody pairs: MP00245-1, MP00245-2, MP00245-3, MP50084-2
Unconjugated mouse monoclonal antibody pair in PBS only storage buffer at a concentration of 1 mg/mL, ready for conjugation.
Matched antibody pairs are designed for use in a variety of assays and platforms that require matched antibody pairs.
Antibody use should be optimized for each application and assay.

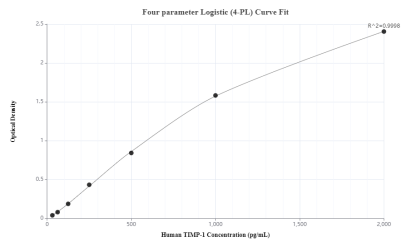
Storage

Storage:
Store at -80°C.
Storage buffer:
PBS only

For technical support and original validation data for this product please contact:
T: 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 MP50084-1, TIMP1 Monoclonal Matched Antibody Pair - PBS only. 68691-1-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg0638. 68691-2-PBS was HRP conjugated as the detection antibody. Range: 31.25-2000 pg/mL