

TIMP1 Monoclonal Matched Antibody Pair, PBS Only

Catalog Number: **MP50084-2**

Capture Antibody Information

Catalog Number:
68691-3-PBS
Host:
Mouse
Isotype:
IgG1
Purification Method:
Protein A purification

Clone ID:
2C4G3
Reactivity:
human
GenBank:
BC000866

Conjugate:
Unconjugated
Full name:
TIMP metalloproteinase inhibitor 1
Gene ID:
7076
Affinity:
 $K_D = 1.12 \times 10^{-9}$
 $K_{off} = 4.45 \times 10^{-4}$
 $K_{on} = 3.99 \times 10^5$

Detection Antibody Information

Catalog Number:
68691-4-PBS
Host:
Mouse
Isotype:
IgG1
Purification Method:
Protein A purification

Clone ID:
2F2C2
Reactivity:
human
GenBank:
BC000866

Conjugate:
Unconjugated
Full name:
TIMP metalloproteinase inhibitor 1
Gene ID:
7076
Affinity:
 $K_D = 1.57 \times 10^{-9}$
 $K_{off} = 3.48 \times 10^{-4}$
 $K_{on} = 2.22 \times 10^5$

Applications

Tested Applications:
Sandwich ELISA

Range:
62.5-4000 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

MP50084-2 targets TIMP1 in immunoassays as a matched antibody pair. Validated in Sandwich ELISA.

Capture antibody: TIMP1 Monoclonal antibody, PBS Only (Capture) 68691-3-PBS (2C4G3). 100 µg. Concentration 1 mg/mL.

Detection antibody: TIMP1 Monoclonal antibody, PBS Only (Detector) 68691-4-PBS (2F2C2). 100 µg. Concentration 1 mg/mL.

Unconjugated mouse monoclonal antibody pair in PBS only storage buffer at a concentration of 1 mg/mL, ready for conjugation.

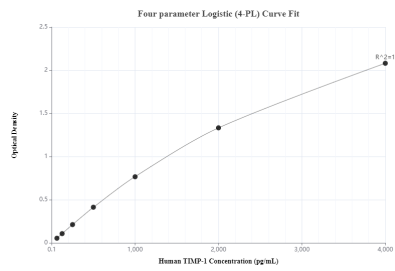
Matched antibody pairs are designed for use in a variety of assays and platforms that require matched antibody pairs.

Antibody use should be optimized for each application and assay.

Storage

Storage:
Store at -80°C.
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C
Storage buffer:
PBS only

Selected Validation Data



Sandwich ELISA standard curve of MP50084-2, TIMP1 Monoclonal Matched Antibody Pair - PBS only. 68691-3-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg0638. 68691-4-PBS was HRP conjugated as the detection antibody. Range: 62.5-4000 pg/mL.