

CLPTM1 Recombinant Matched Antibody Pair, PBS Only

Catalog Number: **MP00415-3**

Capture Antibody Information

Catalog Number: 83417-4-PBS	Clone ID: 240274H8	Conjugate: Unconjugated
Host: Rabbit	Reactivity: human	Full name: cleft lip and palate associated transmembrane protein 1
Isotype: IgG	GenBank: BC004865	Gene ID: 1209
Purification Method: Protein A purification	Immunogen Catalog Number: Ag7538	

Detection Antibody Information

Catalog Number: 83417-1-PBS	Clone ID: 240274A6	Conjugate: Unconjugated
Host: Rabbit	Reactivity: human	Full name: cleft lip and palate associated transmembrane protein 1
Isotype: IgG	GenBank: BC004865	Gene ID: 1209
Purification Method: Protein A purification	Immunogen Catalog Number: Ag7538	

Applications

Tested Applications: Sandwich ELISA	Range: 0.469-30 ng/mL (Sandwich ELISA)	Recommended Dilutions: It is recommended that this reagent should be titrated in each testing system to obtain optimal results.
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Product Information

MP00415-3 targets CLPTM1 in immunoassays as a matched antibody pair. Validated in Sandwich ELISA.

Capture antibody: CLPTM1 Recombinant antibody, PBS Only (Capture/Detector) 83417-4-PBS (240274H8). 100 µg. Concentration 1 mg/mL.

Detection antibody: CLPTM1 Recombinant antibody, PBS Only (Detector) 83417-1-PBS (240274A6). 100 µg. Concentration 1 mg/mL.

Unconjugated rabbit recombinant monoclonal antibody pair in PBS only 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.

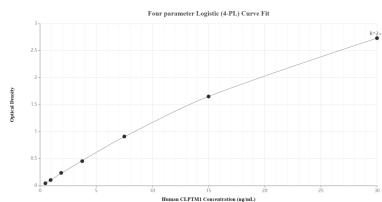
Matched antibody pairs are designed for use in a variety of assays and platforms that require matched antibody pairs.

Antibody use should be optimized for each application and assay.

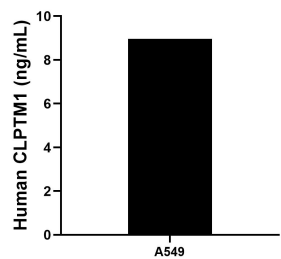
Storage

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 MP00415-3, Human CLPTM1 Recombinant Matched Antibody Pair - PBS only. 83417-4-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag7538. 83417-1-PBS was HRP conjugated as the detection antibody. Range: 0.469-30 ng/mL



The mean CLPTM1 concentration was determined to be 8.96 ng/mL in A549 cell extract based on a 1.00 mg/mL extract load.