

PPIF-Specific Monoclonal Matched Antibody Pair, PBS Only

Catalog Number: **MP50406-2**

Capture Antibody Information

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|---|---|---|
| Catalog Number: 68956-3-PBS | Clone ID: 3A12B5 | Conjugate: Unconjugated |
| Host: Mouse | Reactivity: human | Full name: peptidylprolyl isomerase F |
| Isotype: IgG1 | GenBank: BC005020 | Gene ID: 10105 |
| Purification Method: Protein G purification | Immunogen Catalog Number: Ag13151 | |

Detection Antibody Information

| | | |
|---|---|---|
| Catalog Number: 68956-4-PBS | Clone ID: 3F9B6 | Conjugate: Unconjugated |
| Host: Mouse | Reactivity: human | Full name: peptidylprolyl isomerase F |
| Isotype: IgG2b | GenBank: BC005020 | Gene ID: 10105 |
| Purification Method: Protein A purification | Immunogen Catalog Number: Ag13151 | |

Applications

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|--|---|---|
| Tested Applications: Cytometric bead array, Sandwich ELISA | Range: 1.563-100 ng/mL (Cytometric Bead Array) 12.5-800 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

MP50406-2 targets PPIF-Specific in immunoassays as a matched antibody pair. Validated in Cytometric bead array, Sandwich ELISA.

Capture antibody: PPIF Monoclonal antibody, PBS Only (Capture/Detector) 68956-3-PBS (3A12B5). 100 µg. Concentration 1 mg/mL.

Detection antibody: PPIF Monoclonal antibody, PBS Only (Detector) 68956-4-PBS (3F9B6). 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.

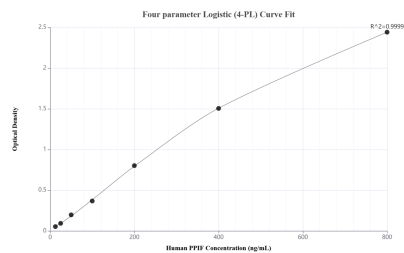
Matched antibody pairs are designed for use in a variety of assays and platforms that require matched antibody pairs.

Antibody use should be optimized for each application and assay.

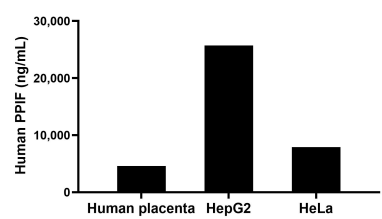
Storage

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

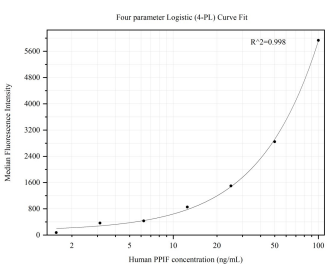
Selected Validation Data



Sandwich ELISA standard curve of MP50406-2, Human PPIF Monoclonal Matched Antibody Pair - PBS only. 68956-3-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag13151. 68956-4-PBS was HRP conjugated as the detection antibody. Range: 12.5-800 ng/mL



The mean PPIF concentration was determined to be 4,606.00 ng/mL in human placenta tissue extract based on a 1.30 mg/mL extract load, 25,711.00 ng/mL in HepG2 cell extract based on a 1.80 mg/mL extract load and 7,896.00 ng/mL in HeLa cell extract based on a 1.50 mg/mL extract load.



Cytometric bead array standard curve of MP50406-2, PPIF-Specific Monoclonal Matched Antibody Pair, PBS Only. Capture antibody: 68956-3-PBS. Detection antibody: 68956-4-PBS. Standard:Ag13151. Range: 1.563-100 ng/mL