

FABP5 Recombinant Matched Antibody Pair, PBS Only

Catalog Number: **MP02674-1**

Capture Antibody Information

Catalog Number: 82551-3-PBS	Clone ID: 243154D6	Conjugate: Unconjugated
Host: Rabbit	Reactivity: human	Full name: fatty acid binding protein 5 (psoriasis-associated)
Isotype: IgG	GenBank: BC019385	Gene ID: 2171
Purification Method: Protein A purification	Immunogen Catalog Number: Ag3005	

Detection Antibody Information

Catalog Number: 82551-2-PBS	Clone ID: 243154G10	Conjugate: Unconjugated
Host: Rabbit	Reactivity: human	Full name: fatty acid binding protein 5 (psoriasis-associated)
Isotype: IgG	GenBank: BC019385	Gene ID: 2171
Purification Method: Protein A purification	Immunogen Catalog Number: Ag3005	

Applications

Tested Applications: Sandwich ELISA	Range: 0.625-40 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

MP02674-1 targets FABP5 in immunoassays as a matched antibody pair. Validated in Sandwich ELISA.

Capture antibody: FABP5 Recombinant monoclonal antibody, PBS Only (Capture) 82551-3-PBS (243154D6). 100 µg. Concentration 1 mg/mL.

Detection antibody: FABP5 Recombinant monoclonal antibody, PBS Only (Detector) 82551-2-PBS (243154G10). 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.

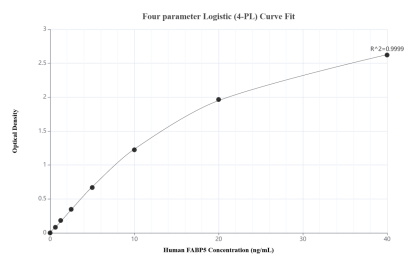
Matched antibody pairs are designed for use in a variety of assays and platforms that require matched antibody pairs.

Antibody use should be optimized for each application and assay.

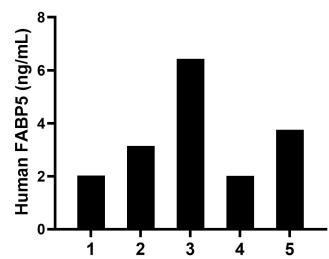
Storage

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

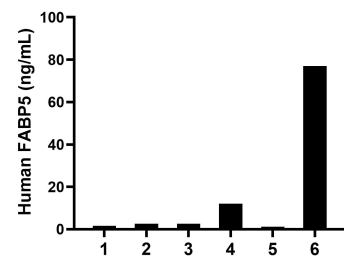
Selected Validation Data



Sandwich ELISA standard curve of MP02674-1, Human FABP5 Recombinant Matched Antibody Pair - PBS only. 82551-3-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag3005. 82551-2-PBS was HRP conjugated as the detection antibody. Range: 0.625-40 ng/mL.



Plasma of five individual healthy human donors was measured. The FABP5 concentration of detected samples was determined to be 3.48 ng/mL with a range of 2.03-6.43 ng/mL.



Urine of six individual healthy human donors was measured. The FABP5 concentration of detected samples was determined to be 16.17 ng/mL with a range of 1.14-77.03 ng/mL.