

For Research Use Only

PFAS Recombinant Matched Antibody Pair, PBS Only



Catalog Number:MP00064-1

Capture Antibody Information

Catalog Number:
83074-2-PBS
Host:
Rabbit
Isotype:
IgG
Purification Method:
Protein A purification

Clone ID:
230422D11
Reactivity:
human
GenBank:
BC167158
Immunogen Catalog Number:
Ag20162

Conjugate:
Unconjugated
Full name:
phosphoribosylformylglycinamide synthase
Gene ID:
5198

Detection Antibody Information

Catalog Number:
83074-1-PBS
Host:
Rabbit
Isotype:
IgG
Purification Method:
Protein A purification

Clone ID:
230422A5
Reactivity:
human
GenBank:
BC167158
Immunogen Catalog Number:
Ag20162

Conjugate:
Unconjugated
Full name:
phosphoribosylformylglycinamide synthase
Gene ID:
5198

Applications

Tested Applications:
Cytometric bead array, Sandwich ELISA

Range:
1.25-20 ng/mL (Cytometric Bead Array)
78.1-5000 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

MP00064-1 targets PFAS in immunoassays as a matched antibody pair. Validated in Cytometric bead array, Sandwich ELISA.

Capture antibody: PFAS Recombinant antibody, PBS Only (Capture) 83074-2-PBS (230422D11). 100 µg. Concentration 1 mg/mL.

Detection antibody: PFAS Recombinant antibody, PBS Only (Detector) 83074-1-PBS (230422A5). 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

For technical support and original validation data for this product please contact:

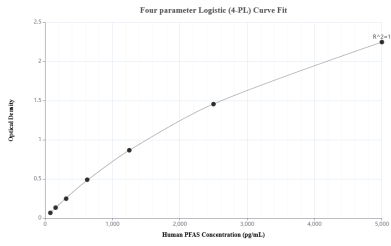
T: 4006900926

E: Proteintech-CN@ptglab.com

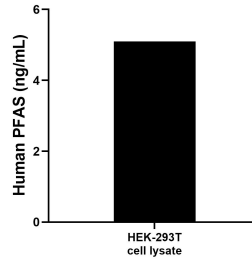
W: ptgcn.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

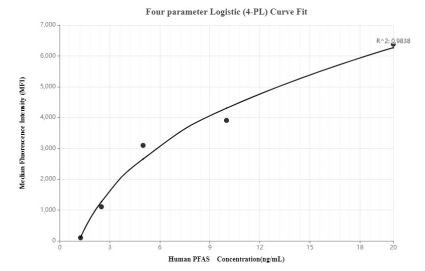
Selected Validation Data



Sandwich ELISA standard curve of MP00064-1, Human PFAS Recombinant Matched Antibody Pair - PBS only. 83074-2-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag20162. 83074-1-PBS was HRP conjugated as the detection antibody. Range: 78.1-5000 pg/mL



HEK-293T cell lysate was measured. The human PFAS concentration of detected samples was determined to be 5.10 ng/mL (based on a 1.4 mg/mL extract load).



Cytometric bead array standard curve of MP00064-1, PFAS Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 83074-2-PBS. Detection antibody: 83074-1-PBS. Standard: Ag20162. Range: 1.25-20 ng/mL