

For Research Use Only

# FGF-21 Recombinant Matched Antibody Pair, PBS Only



Catalog Number:MP00005-2

## Capture Antibody Information

Catalog Number:  
83033-5-PBS

Host:  
Rabbit

Isotype:  
IgG

Purification Method:  
Protein A purification

Clone ID:  
250540H7

Reactivity:  
human

GenBank:  
BC018404

Immunogen Catalog Number:  
Eg0102

Conjugate:  
Unconjugated

Full name:  
fibroblast growth factor 21

Gene ID:  
26291

## Detection Antibody Information

Catalog Number:  
83033-4-PBS

Host:  
Rabbit

Isotype:  
IgG

Purification Method:  
Protein A purification

Clone ID:  
250540D4

Reactivity:  
human

GenBank:  
BC018404

Immunogen Catalog Number:  
Eg0102

Conjugate:  
Unconjugated

Full name:  
fibroblast growth factor 21

Gene ID:  
26291

## Applications

Tested Applications:  
Sandwich ELISA

Range:  
19.5-1250 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

MP00005-2 targets FGF-21 in immunoassays as a matched antibody pair. Validated in Sandwich ELISA.

Capture antibody: FGF21 Recombinant antibody, PBS Only (Capture) 83033-5-PBS (250540H7). 100 µg. Concentration 1 mg/mL.

Detection antibody: FGF21 Recombinant antibody, PBS Only (Detector) 83033-4-PBS (250540D4). 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:

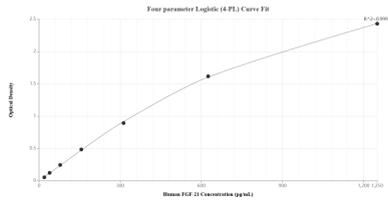
T: 4006900926

E: Proteintech-CN@ptglab.com

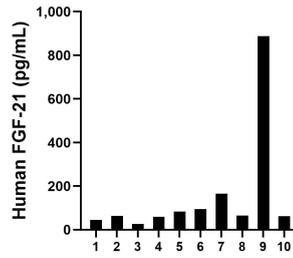
W: ptgcn.com

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 MP00005-2, Human FGF-21 Recombinant Matched Antibody Pair - PBS only. 83033-5-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg0102. 83033-4-PBS was HRP conjugated as the detection antibody. Range: 19.5-1250 pg/mL



Serum of ten individual healthy human donors was measured. The FGF-21 concentration of detected samples was determined to be 155.3 pg/mL with a range of 27.2-887.5 pg/mL.