

For Research Use Only

# FGF21 Recombinant Matched Antibody Pair, PBS Only



Catalog Number:MP00005-1

## Capture Antibody Information

**Catalog Number:**  
83033-1-PBS  
**Host:**  
Rabbit  
**Isotype:**  
IgG  
**Purification Method:**  
Protein A purification

**Clone ID:**  
230236B2  
**Reactivity:**  
Human  
**GenBank:**  
BC018404

**Conjugate:**  
Unconjugated  
**Full name:**  
fibroblast growth factor 21  
**Gene ID:**  
26291  
**Affinity:**  
 $K_D = 3.67 \times 10^{-10}$   
 $K_{Off} = 3.38 \times 10^{-4}$   
 $K_{On} = 9.20 \times 10^5$

## Detection Antibody Information

**Catalog Number:**  
83033-2-PBS  
**Host:**  
Rabbit  
**Isotype:**  
IgG  
**Purification Method:**  
Protein A purification

**Clone ID:**  
230236C9  
**Reactivity:**  
Human  
**GenBank:**  
BC018404

**Conjugate:**  
Unconjugated  
**Full name:**  
fibroblast growth factor 21  
**Gene ID:**  
26291  
**Affinity:**  
 $K_D = 3.72 \times 10^{-9}$   
 $K_{Off} = 1.49 \times 10^{-3}$   
 $K_{On} = 4.02 \times 10^5$

## Applications

**Tested Applications:**  
Sandwich ELISA

**Range:**  
31.25-2000 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

MP00005-1 targets FGF21 in immunoassays as a matched antibody pair. Validated in Sandwich ELISA.

Capture antibody: FGF21 Recombinant antibody, PBS Only (Capture) 83033-1-PBS (230236B2). 100  $\mu$ g. Concentration 1 mg/mL.

Detection antibody: FGF21 Recombinant antibody, PBS Only (Detector) 83033-2-PBS (230236C9). 100  $\mu$ g. 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.  
**Storage buffer:**  
PBS only

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

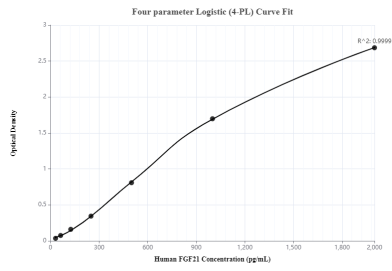
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

## Selected Validation Data



Sandwich ELISA standard curve of MP00005-1, FGF21 Recombinant Matched Antibody Pair - PBS only. Capture antibody: 83033-1-PBS. Detection antibody: 83033-2-PBS. Standard: Eg0102. Range: 31.25-2000 pg/mL