

# FGF-23 Recombinant Matched Antibody Pair, PBS Only

Catalog Number: MP00079-2

## Capture Antibody Information

<b>Catalog Number:</b> 83003-4-PBS	<b>Clone ID:</b> 230526E11	<b>Conjugate:</b> Unconjugated
<b>Host:</b> Rabbit	<b>Reactivity:</b> human	<b>Full name:</b> fibroblast growth factor 23
<b>Isotype:</b> IgG	<b>GenBank:</b> BC069333	<b>Gene ID:</b> 8074
<b>Purification Method:</b> Protein A purification	<b>Immunogen Catalog Number:</b> Ag34045	<b>Affinity:</b> $K_D = 3.57 \times 10^{-10}$ $K_{Off} = 1.13 \times 10^{-4}$ $K_{On} = 3.16 \times 10^5$

## Detection Antibody Information

<b>Catalog Number:</b> 83003-1-PBS	<b>Clone ID:</b> 230526A5	<b>Conjugate:</b> Unconjugated
<b>Host:</b> Rabbit	<b>Reactivity:</b> human	<b>Full name:</b> fibroblast growth factor 23
<b>Isotype:</b> IgG	<b>GenBank:</b> BC069333	<b>Gene ID:</b> 8074
<b>Purification Method:</b> Protein A purification	<b>Immunogen Catalog Number:</b> Ag34045	<b>Affinity:</b> $K_D = 8.89 \times 10^{-10}$ $K_{Off} = 8.96 \times 10^{-5}$ $K_{On} = 1.01 \times 10^5$

## Applications

<b>Tested Applications:</b> Cytometric bead array	<b>Range:</b> 0.625–20 ng/mL (Cytometric Bead Array)	<b>Recommended Dilutions:</b> It is recommended that this reagent should be titrated in each testing system to obtain optimal results.
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## Product Information

MP00079-2 targets FGF-23 in immunoassays as a matched antibody pair. Validated in Cytometric bead array.

Capture antibody: FGF-23 Recombinant antibody, PBS Only (Capture) 83003-4-PBS (230526E11). 100  $\mu$ g. Concentration 1 mg/mL.

Detection antibody: FGF-23 Recombinant antibody, PBS Only (Detector) 83003-1-PBS (230526A5). 100  $\mu$ g. Concentration 1 mg/mL.

Alternative FGF-23 matched antibody pairs: MP00079-1, MP00079-3

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

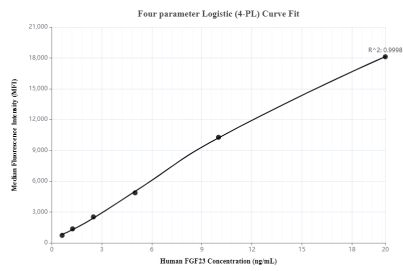
For technical support and original validation data for this product please contact:

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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



Cytometric bead array standard curve of MP00079-2, FGF23 Recombinant Matched Antibody Pair - PBS only. Capture antibody: 83003-4-PBS. Detection antibody: 83003-1-PBS. Standard: Ag34045. Range: 0.625-20 ng/mL