

# IGFBP3 Recombinant Matched Antibody Pair, PBS Only

Catalog Number: **MP01352-2**

## Capture Antibody Information

**Catalog Number:**  
84470-3-PBS  
**Host:**  
Rabbit  
**Isotype:**  
IgG  
**Purification Method:**  
Protein A purification

**Clone ID:**  
241723C5  
**Reactivity:**  
human

**Conjugate:**  
Unconjugated  
**Full name:**  
insulin-like growth factor binding protein 3  
**Gene ID:**  
3486

## Detection Antibody Information

**Catalog Number:**  
84470-1-PBS  
**Host:**  
Rabbit  
**Isotype:**  
IgG  
**Purification Method:**  
Protein A purification

**Clone ID:**  
241723A6  
**Reactivity:**  
human  
**GenBank:**  
NM\_000598.5

**Conjugate:**  
Unconjugated  
**Full name:**  
insulin-like growth factor binding protein 3  
**Gene ID:**  
3486

## Applications

**Tested Applications:**  
Cytometric bead array, Sandwich ELISA

**Range:**  
0.625-80 ng/mL (Cytometric Bead Array)  
0.195-12.5 ng/mL (Sandwich ELISA)

**Recommended Dilutions:**  
It is recommended that this reagent should be titrated in each testing system to obtain optimal results.

## Product Information

MP01352-2 targets IGFBP3 in immunoassays as a matched antibody pair. Validated in Cytometric bead array, Sandwich ELISA.

Capture antibody: IGFBP3 Recombinant antibody, PBS Only (Capture/Detector) 84470-3-PBS (241723C5). 100 µg. Concentration 1 mg/mL.

Detection antibody: IGFBP3 Recombinant antibody, PBS Only (Detector) 84470-1-PBS (241723A6). 100 µg. Concentration 1 mg/mL.

Alternative IGFBP3 matched antibody pairs: MP01202-1, MP01202-2, MP01202-3, MP01352-1, MP01352-3

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.  
**Storage buffer:**  
PBS only

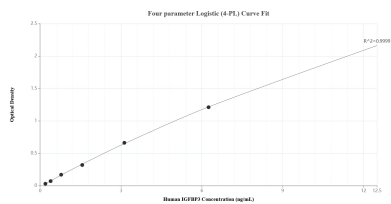
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

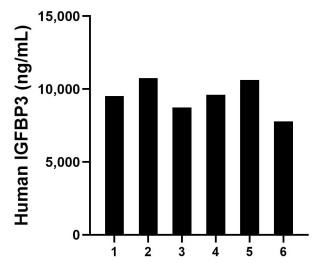
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
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**This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.**

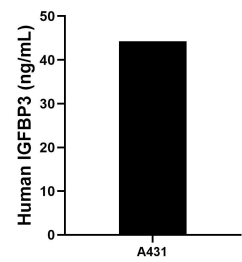
## Selected Validation Data



Sandwich ELISA standard curve of MP01352-2, Human IGFBP3 Recombinant Matched Antibody Pair - PBS only. 84470-3-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg1827. 84470-1-PBS was HRP conjugated as the detection antibody. Range: 0.195-12.5 ng/mL.



Serum of six individual healthy human donors was measured. The IGFBP3 concentration of detected samples was determined to be 9,505.05 ng/mL with a range of 7,790.22-10,751.16 ng/mL.



A431 were cultured in DMEM supplemented with 10% fetal bovine serum, 2.5 mM L-glutamine, 100 U/mL penicillin, and 100 µg/mL streptomycin sulfate. An aliquot of the cell culture supernate was removed, assayed for human IGFBP3, and measured 44.22 ng/mL.

