

For Research Use Only

# 4EBP1 Recombinant Matched Antibody Pair, PBS Only



Catalog Number:MP00559-5

## Capture Antibody Information

**Catalog Number:**  
83890-3-PBS  
**Host:**  
Rabbit  
**Isotype:**  
IgG  
**Purification Method:**  
Protein A purification

**Clone ID:**  
241055G1  
**Reactivity:**  
human  
**Immunogen Catalog Number:**  
Ag5056

**Conjugate:**  
Unconjugated  
**Full name:**  
eukaryotic translation initiation factor 4E binding protein 1  
**Gene ID:**  
1978

## Detection Antibody Information

**Catalog Number:**  
83890-2-PBS  
**Host:**  
Rabbit  
**Isotype:**  
IgG  
**Purification Method:**  
Protein A purification

**Clone ID:**  
241055F11  
**Reactivity:**  
human  
**GenBank:**  
BC004459  
**Immunogen Catalog Number:**  
Ag5056

**Conjugate:**  
Unconjugated  
**Full name:**  
eukaryotic translation initiation factor 4E binding protein 1  
**Gene ID:**  
1978

## Applications

**Tested Applications:**  
Cytometric bead array

**Range:**  
0.625-80 ng/mL (Cytometric Bead Array)

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

## Product Information

MP00559-5 targets 4EBP1 in immunoassays as a matched antibody pair. Validated in Cytometric bead array.

Capture antibody: 4EBP1 Recombinant antibody, PBS Only (Capture) 83890-3-PBS (241055G1). 100 µg. Concentration 1 mg/ml.

Detection antibody: 4EBP1 Recombinant antibody, PBS Only (Detector) 83890-2-PBS (241055F11). 100 µg. Concentration 1 mg/ml.

Alternative 4EBP1 matched antibody pairs: MP00559-1, MP00559-2, MP00559-3, MP00559-4

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

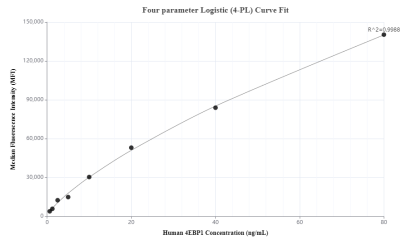
For technical support and original validation data for this product please contact:

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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



Cytometric bead array standard curve of MP00559-5, 4EBP1 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 83890-3-PBS. Detection antibody: 83890-2-PBS. Standard: Ag5056. Range: 0.625-80 ng/mL.