

# 4EBP1 Recombinant Matched Antibody Pair, PBS Only

Catalog Number: **MP00559-2**

## Capture Antibody Information

**Catalog Number:**  
81812-4-PBS  
**Host:**  
Rabbit  
**Isotype:**  
IgG  
**Purification Method:**  
Protein A purification

**Clone ID:**  
240535G3  
**Reactivity:**  
human

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

## Detection Antibody Information

**Catalog Number:**  
81812-3-PBS  
**Host:**  
Rabbit  
**Isotype:**  
IgG  
**Purification Method:**  
Protein A purification

**Clone ID:**  
240535G7  
**Reactivity:**  
human  
**GenBank:**  
BC004459

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

## Applications

**Tested Applications:**  
Cytometric bead array

**Range:**  
0.78-50 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

MP00559-2 targets 4EBP1 in immunoassays as a matched antibody pair. Validated in Cytometric bead array.

Capture antibody: Phospho-4EBP1 (Thr37) Recombinant antibody, PBS Only (Capture) 81812-4-PBS (240535G3). 100 µg. Concentration 1 mg/mL.

Detection antibody: 4EBP1 Recombinant antibody, PBS Only (Detector) 81812-3-PBS (240535G7). 100 µg. Concentration 1 mg/mL.

Alternative 4EBP1 matched antibody pairs: MP00559-1, MP00559-3, MP00559-4, MP00559-5

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.

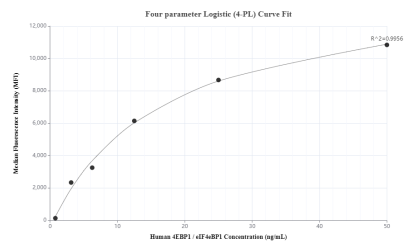
Matched antibody pairs are designed for use in a variety of assays and platforms that require matched antibody pairs.

Antibody use should be optimized for each application and assay.

## Storage

**Storage:**  
Store at -80°C.  
**Storage buffer:**  
PBS only

# Selected Validation Data



Cytometric bead array standard curve of MP00559-2, Phospho-4EBP1 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 81812-4-PBS. Detection antibody: 81812-3-PBS. Standard: SY01767P. Range: 0.78-50 ng/mL