

For Research Use Only

# HEBP1 Recombinant Matched Antibody Pair, PBS Only



Catalog Number:MP00032-2

## Capture Antibody Information

Catalog Number:  
82950-5-PBS

Host:  
Rabbit

Isotype:  
IgG

Purification Method:  
Protein A purification

Clone ID:  
230156F10

Reactivity:  
Human

Immunogen Catalog Number:  
Ag10538

Conjugate:  
Unconjugated

Full name:  
heme binding protein 1

Gene ID:  
50865

Affinity:  
 $K_D = 4.79 \times 10^{-10}M$   
 $K_{Off} = 3.22 \times 10^{-4}M$   
 $K_{On} = 6.72 \times 10^5M$

## Detection Antibody Information

Catalog Number:  
82950-4-PBS

Host:  
Rabbit

Isotype:  
IgG

Purification Method:  
Protein A purification

Clone ID:  
230156E2

Reactivity:  
Human

GenBank:  
BC016277

Immunogen Catalog Number:  
Ag10538

Conjugate:  
Unconjugated

Full name:  
heme binding protein 1

Gene ID:  
50865

Affinity:  
 $K_D = 1.14 \times 10^{-9}M$   
 $K_{Off} = 4.04 \times 10^{-4}M$   
 $K_{On} = 3.55 \times 10^5M$

## Applications

Tested Applications:  
Cytometric bead array

Range:  
1.25-20 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

MP00032-2 targets HEBP1 in immunoassays as a matched antibody pair. Validated in Cytometric bead array.

Capture antibody: HEBP1 Recombinant antibody, PBS Only (Capture) 82950-5-PBS (230156F10). 100 µg. Concentration 1 mg/mL.

Detection antibody: HEBP1 Recombinant antibody, PBS Only (Detector) 82950-4-PBS (230156E2). 100 µg. Concentration 1 mg/mL.

Alternative HEBP1 matched antibody pairs: MP00032-1

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

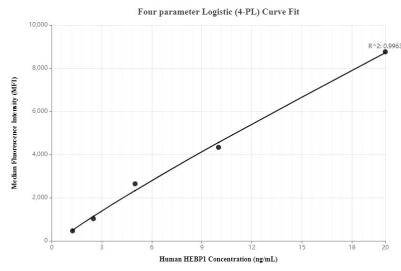
For technical support and original validation data for this product please contact:

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)  
W: [ptglab.com](http://ptglab.com)

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 MP00032-2, HEBP1 Recombinant Matched Antibody Pair - PBS only. Capture antibody: 82950-5-PBS. Detection antibody: 82950-4-PBS. Standard: Ag10538. Range: 1.25-20 ng/mL