

For Research Use Only

# TFEB Recombinant Matched Antibody Pair, PBS Only



Catalog Number:MP01491-2

## Capture Antibody Information

Catalog Number:  
84675-4-PBS

Host:  
Rabbit

Isotype:  
IgG

Purification Method:  
Protein A purification

Clone ID:  
242093F4

Reactivity:  
human

Immunogen Catalog Number:  
Ag4194

Conjugate:  
Unconjugated

Full name:  
transcription factor EB

Gene ID:  
7942

## Detection Antibody Information

Catalog Number:  
84675-3-PBS

Host:  
Rabbit

Isotype:  
IgG

Purification Method:  
Protein A purification

Clone ID:  
242093A5

Reactivity:  
human

GenBank:  
BC032448

Immunogen Catalog Number:  
Ag4194

Conjugate:  
Unconjugated

Full name:  
transcription factor EB

Gene ID:  
7942

## Applications

Tested Applications:  
Sandwich ELISA

Range:  
0.781-50 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

MP01491-2 targets TFEB in immunoassays as a matched antibody pair. Validated in Sandwich ELISA.

Capture antibody: TFEB Recombinant antibody, PBS Only (Capture) 84675-4-PBS (242093F4). 100 µg. Concentration 1 mg/ml.

Detection antibody: TFEB Recombinant antibody, PBS Only (Detector) 84675-3-PBS (242093A5). 100 µg. Concentration 1 mg/ml.

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

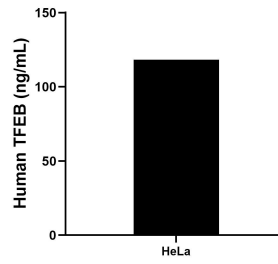
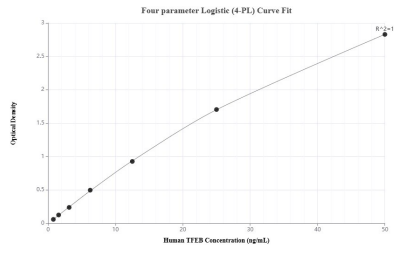
For technical support and original validation data for this product please contact:

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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



Sandwich ELISA standard curve of MP01491-2, Human TFEB Recombinant Matched Antibody Pair - PBS only. 84675-4-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag4194. 84675-3-PBS was HRP conjugated as the detection antibody. Range: 0.781-50 ng/mL

The mean TFEB concentration was determined to be 118.28 ng/mL in HeLa cell extract based on a 1.0 mg/mL extract load.