

For Research Use Only



# TMEM119 Recombinant Matched Antibody Pair, PBS Only

Catalog Number:MP00444-4

## Capture Antibody Information

Catalog Number:  
83448-4-PBS

Host:  
Rabbit

Isotype:  
IgG

Purification Method:  
Protein A purification

Clone ID:  
240433C12

Reactivity:  
human

GenBank:  
NM\_181724.2

Conjugate:  
Unconjugated

Full name:  
transmembrane protein 119

Gene ID:  
338773

## Detection Antibody Information

Catalog Number:  
83448-3-PBS

Host:  
Rabbit

Isotype:  
IgG

Purification Method:  
Protein A purification

Clone ID:  
240433D12

Reactivity:  
human

GenBank:  
NM\_181724.2

Conjugate:  
Unconjugated

Full name:  
transmembrane protein 119

Gene ID:  
338773

## Applications

Tested Applications:  
Sandwich ELISA

Range:  
78.1-5000 pg/mL (Sandwich ELISA)

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

## Product Information

MP00444-4 targets TMEM119 in immunoassays as a matched antibody pair. Validated in Sandwich ELISA.

Capture antibody: TMEM119 Recombinant antibody, PBS Only (Capture/Detector) 83448-4-PBS (240433C12). 100  $\mu$ g. Concentration 1 mg/ml.

Detection antibody: TMEM119 Recombinant antibody, PBS Only (Detector) 83448-3-PBS (240433D12). 100  $\mu$ g. Concentration 1 mg/ml.

Alternative TMEM119 matched antibody pairs: MP00444-1, MP00444-2, MP00444-3

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.

**The product is shipped with ice packs. Upon receipt, store it immediately at -80°C**

Storage buffer:

PBS only

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

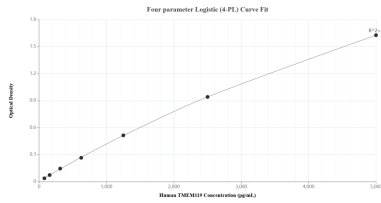
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

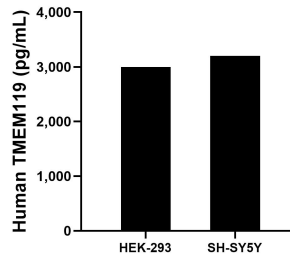
W: [ptgcn.com](http://ptgcn.com)

**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 MP00444-4, Human TMEM119 Recombinant Matched Antibody Pair - PBS only. 83448-4-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg0796. 83448-3-PBS was HRP conjugated as the detection antibody. Range: 78.1-5000 pg/mL



The mean TMEM119 concentration was determined to be 2,998.4 pg/mL in HEK-293 cell extract based on a 1.5 mg/mL extract load and 3,201.6 pg/mL in SH-SY5Y cell extract based on a 1.2 mg/mL extract load.