

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 µg. Concentration 1 mg/mL.

Detection antibody: TMEM119 Recombinant antibody, PBS Only (Detector) 83448-3-PBS (240433D12). 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:

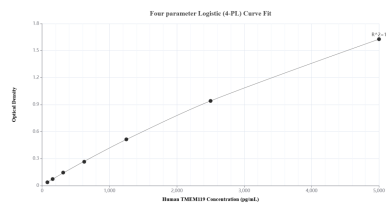
Store at -80°C.

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

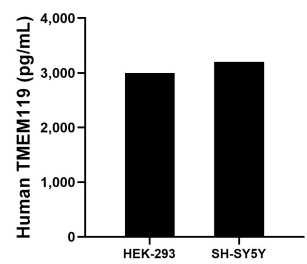
Storage buffer:

PBS only

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.