

For Research Use Only



# MOG Recombinant Matched Antibody Pair, PBS Only

Catalog Number:MP00110-4

## Capture Antibody Information

Catalog Number:  
83063-8-PBS

Host:  
Rabbit

Isotype:  
IgG

Purification Method:  
Protein A purification

Clone ID:  
250235D11

Reactivity:  
human

Immunogen Catalog Number:  
Eg2878

Conjugate:  
Unconjugated

Full name:  
myelin oligodendrocyte glycoprotein

Gene ID:  
4340

## Detection Antibody Information

Catalog Number:  
83063-7-PBS

Host:  
Rabbit

Isotype:  
IgG

Purification Method:  
Protein A purification

Clone ID:  
250235F12

Reactivity:  
human

GenBank:  
N/A

Immunogen Catalog Number:  
Eg2878

Conjugate:  
Unconjugated

Full name:  
myelin oligodendrocyte glycoprotein

Gene ID:  
4340

## 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

MP00110-4 targets MOG in immunoassays as a matched antibody pair. Validated in Sandwich ELISA.

Capture antibody: MOG Recombinant antibody, PBS Only (Capture) 83063-8-PBS (250235D11). 100 µg. Concentration 1 mg/mL.

Detection antibody: MOG Recombinant antibody, PBS Only (Detector) 83063-7-PBS (250235F12). 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

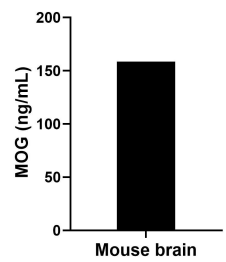
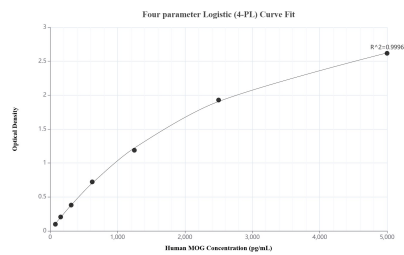
For technical support and original validation data for this product please contact:

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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



Sandwich ELISA standard curve of MP00110-4, Human MOG Recombinant Matched Antibody Pair - PBS only. 83063-8-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg2878. 83063-7-PBS was HRP conjugated as the detection antibody. Range: 78.1-5000 pg/mL.

The mean MOG concentration was determined to be 158.5 ng/mL in mouse brain extract based on a 6.6 mg/mL extract load.