

For Research Use Only

# AQP5 Monoclonal Matched Antibody Pair, PBS Only



Catalog Number:MP51667-1

## Capture Antibody Information

Catalog Number:  
61073-1-PBS

Host:  
Mouse

Isotype:  
IgG1

Purification Method:  
Protein G Magarose purification

Clone ID:  
3D6C3

Reactivity:  
human

GenBank:  
BC032946

Immunogen Catalog Number:  
Ag14514

Conjugate:  
Unconjugated

Full name:  
aquaporin 5

Gene ID:  
362

## Detection Antibody Information

Catalog Number:  
61073-2-PBS

Host:  
Mouse

Isotype:  
IgG1

Purification Method:  
Protein G Magarose purification

Clone ID:  
3A4A2

Reactivity:  
human

GenBank:  
BC032946

Immunogen Catalog Number:  
Ag14514

Conjugate:  
Unconjugated

Full name:  
aquaporin 5

Gene ID:  
362

## Applications

Tested Applications:  
Cytometric bead array

Range:  
6.25-200 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

MP51667-1 targets AQP5 in immunoassays as a matched antibody pair. Validated in Cytometric bead array.

Capture antibody: AQP5 Monoclonal antibody, PBS Only (Capture) 61073-1-PBS (3D6C3). 100  $\mu$ g. Concentration 1 mg/mL.

Detection antibody: AQP5 Monoclonal antibody, PBS Only (Detector) 61073-2-PBS (3A4A2). 100  $\mu$ g. Concentration 1 mg/mL.

Unconjugated mouse monoclonal antibody pair in PBS only storage buffer at a concentration of 1 mg/mL, ready for conjugation.

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:

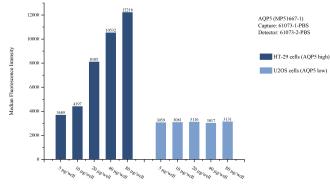
T: 4006900926

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

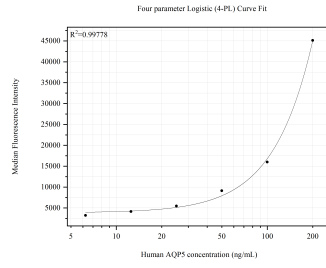
W: [ptgcn.com](http://ptgcn.com)

**This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.**

## Selected Validation Data



Cytometric bead array sample test of MP51667-1, AQP5 Monoclonal Matched Antibody Pair, PBS Only. Capture antibody: 61073-1-PBS. Detection antibody: 61073-2-PBS.



Cytometric bead array standard curve of MP51667-1, AQP5 Monoclonal Matched Antibody Pair, PBS Only. Capture antibody: 61073-1-PBS. Detection antibody: 61073-2-PBS. Standard: Ag14514. Range: 6.25-200 ng/mL.