

For Research Use Only



# SERCA2/ATP2A2 Monoclonal Matched Antibody Pair, PBS Only

Catalog Number:MP50843-2

## Capture Antibody Information

Catalog Number:  
60593-3-PBS  
Host:  
Mouse  
Isotype:  
IgG1  
Purification Method:  
Protein G purification

Clone ID:  
3D3B4  
Reactivity:  
human  
Immunogen Catalog Number:  
Ag26307

Conjugate:  
Unconjugated  
Full name:  
ATPase, Ca++ transporting, cardiac muscle, slow twitch 2  
Gene ID:  
488

## Detection Antibody Information

Catalog Number:  
60593-4-PBS  
Host:  
Mouse  
Isotype:  
IgG1  
Purification Method:  
Protein G Magarose purification

Clone ID:  
2F10C2  
Reactivity:  
human  
GenBank:  
BC035588  
Immunogen Catalog Number:  
Ag26307

Conjugate:  
Unconjugated  
Full name:  
ATPase, Ca++ transporting, cardiac muscle, slow twitch 2  
Gene ID:  
488

## Applications

Tested Applications:  
Cytometric bead array

Range:  
1.563-100 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

MP50843-2 targets SERCA2/ATP2A2 in immunoassays as a matched antibody pair. Validated in Cytometric bead array.

Capture antibody: SERCA2/ATP2A2 Monoclonal antibody, PBS Only (Capture) 60593-3-PBS (3D3B4). 100 µg. Concentration 1 mg/mL.

Detection antibody: SERCA2/ATP2A2 Monoclonal antibody, PBS Only (Detector) 60593-4-PBS (2F10C2). 100 µg. 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.  
Storage buffer:  
PBS only

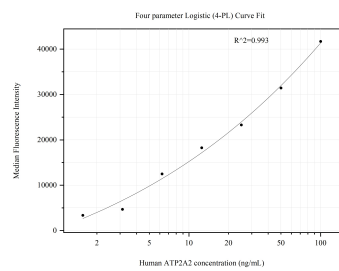
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
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



Cytometric bead array standard curve of MP50843-2, SERCA2,ATP2A2 Monoclonal Matched Antibody Pair, PBS Only. Capture antibody: 60593-3-PBS. Detection antibody: 60593-4-PBS. Standard:Ag5052. Range: 1.563-100 ng/mL