

For Research Use Only

# Calponin Monoclonal Matched Antibody Pair, PBS Only



Catalog Number:MP50017-1

## Capture Antibody Information

Catalog Number:  
66540-2-PBS

Host:  
Mouse

Isotype:  
IgG1

Purification Method:  
Protein G purification

Clone ID:  
1B3C9

Reactivity:  
Human

Immunogen Catalog Number:  
Ag21384

Conjugate:  
Unconjugated

Full name:  
calponin 1, basic, smooth muscle

Gene ID:  
1264

## Detection Antibody Information

Catalog Number:  
66540-1-PBS

Host:  
Mouse

Isotype:  
IgG2b

Purification Method:  
Protein A purification

Clone ID:  
1A11E5

Reactivity:  
Human

GenBank:  
BC022015

Immunogen Catalog Number:  
Ag21384

Conjugate:  
Unconjugated

Full name:  
calponin 1, basic, smooth muscle

Gene ID:  
1264

## Applications

Tested Applications:  
Sandwich ELISA

Range:  
0.313-20 ng/mL (Sandwich ELISA)

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

## Product Information

MP50017-1 targets Calponin in immunoassays as a matched antibody pair. Validated in Sandwich ELISA.

Capture antibody: Calponin Monoclonal antibody, PBS Only (Capture) 66540-2-PBS (1B3C9). 100 µg. Concentration 1 mg/ml.

Detection antibody: Calponin Monoclonal antibody, PBS Only (Detector) 66540-1-PBS (1A11E5). 100 µg. Concentration 1 mg/ml.

Unconjugated mouse monoclonal antibody pair in PBS only (BSA and azide free) 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

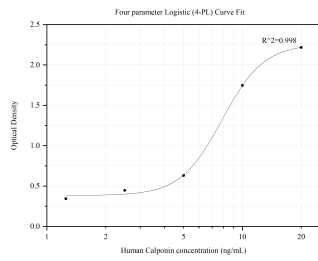
For technical support and original validation data for this product please contact:

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



Sandwich ELISA standard curve of MP50017-1, Calponin Monoclonal Matched Antibody Pair, PBS Only. Capture antibody: 66540-2-PBS. Detection antibody: HRP-conjugated 66540-1-PBS. Standard: Ag21384. Range: 0.313-20 ng/mL.