

# CACNA1C Monoclonal Matched Antibody Pair, PBS Only

Catalog Number: **MP51250-3**

## Capture Antibody Information

**Catalog Number:**  
60842-4-PBS

**Host:**  
Mouse

**Isotype:**  
IgG2a

**Purification Method:**  
Protein A Magarose purification

**Clone ID:**  
2B1D11

**Reactivity:**  
human

**Immunogen Catalog Number:**  
Ag17391

**Conjugate:**  
Unconjugated

**Full name:**  
calcium channel, voltage-dependent, L type, alpha 1C subunit

**Gene ID:**  
775

## Detection Antibody Information

**Catalog Number:**  
60842-3-PBS

**Host:**  
Mouse

**Isotype:**  
IgG1

**Purification Method:**  
Protein G Magarose purification

**Clone ID:**  
2D5E9

**Reactivity:**  
human

**GenBank:**  
BC146846

**Immunogen Catalog Number:**  
Ag17391

**Conjugate:**  
Unconjugated

**Full name:**  
calcium channel, voltage-dependent, L type, alpha 1C subunit

**Gene ID:**  
775

## Applications

**Tested Applications:**  
Cytometric bead array

**Range:**  
0.391-100 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

MP51250-3 targets CACNA1C in immunoassays as a matched antibody pair. Validated in Cytometric bead array.

Capture antibody: CACNA1C Monoclonal antibody, PBS Only (Capture) 60842-4-PBS (2B1D11). 100 µg. Concentration 1 mg/mL.

Detection antibody: CACNA1C Monoclonal antibody, PBS Only (Detector) 60842-3-PBS (2D5E9). 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

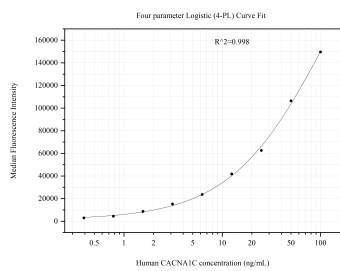
For technical support and original validation data for this product please contact:

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 MP51250-3, CACNA1C Monoclonal Matched Antibody Pair, PBS Only. Capture antibody: 60842-4-PBS. Detection antibody: 60842-3-PBS. Standard:Ag17391. Range: 0.391-100 ng/mL