

# CACNA1C Monoclonal Matched Antibody Pair, PBS Only

Catalog Number: **MP51250-2**

## Capture Antibody Information

**Catalog Number:**  
60842-1-PBS  
**Host:**  
Mouse  
**Isotype:**  
IgG2a  
**Purification Method:**  
Protein A purification

**Clone ID:**  
1A6C6  
**Reactivity:**  
human  
**GenBank:**  
BC146846  
**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

MP51250-2 targets CACNA1C in immunoassays as a matched antibody pair. Validated in Cytometric bead array.

Capture antibody: CACNA1C Monoclonal antibody, PBS Only (Capture) 60842-1-PBS (1A6C6). 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.

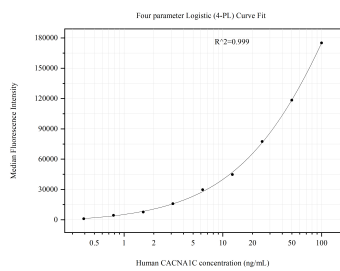
Matched antibody pairs are designed for use in a variety of assays and platforms that require matched antibody pairs.

Antibody use should be optimized for each application and assay.

## Storage

**Storage:**  
Store at -80°C.  
**The product is shipped with ice packs. Upon receipt, store it immediately at -80°C**  
**Storage buffer:**  
PBS only

# Selected Validation Data



Cytometric bead array standard curve of MP51250-2, CACNA1C Monoclonal Matched Antibody Pair, PBS Only. Capture antibody: 60842-1-PBS. Detection antibody: 60842-3-PBS. Standard:Ag17391. Range: 0.391-100 ng/mL