

For Research Use Only

# CACNA1C Monoclonal antibody, PBS Only (Capture)

Catalog Number: 60842-1-PBS



## Basic Information

<b>Catalog Number:</b> 60842-1-PBS	<b>GenBank Accession Number:</b> BC146846	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 100ug , Concentration: 1 mg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 775	<b>CloneNo.:</b> 1A6C6
<b>Source:</b> Mouse	<b>UNIPROT ID:</b> Q13936	
<b>Isotype:</b> IgG2a	<b>Full Name:</b> calcium channel, voltage-dependent, L type, alpha 1C subunit	
<b>Immunogen Catalog Number:</b> AG17391	<b>Calculated MW:</b> 249 kDa	

## Applications

**Tested Applications:**  
Cytometric bead array, Indirect ELISA

**Species Specificity:**  
human

## Product Information

60842-1-PBS targets CACNA1C as part of a matched antibody pair:

MP51250-1: 60842-1-PBS capture and 60842-2-PBS detection (validated in Cytometric bead array)

MP51250-2: 60842-1-PBS capture and 60842-3-PBS detection (validated in Cytometric bead array)

Unconjugated mouse monoclonal antibody pair in PBS only (BSA and azide free) storage buffer at a concentration of 1 mg/mL, ready for conjugation.

This conjugation ready format makes antibodies ideal for use in many applications including: ELISAs, multiplex assays requiring matched pairs, mass cytometry, and multiplex imaging applications. Antibody use should be optimized by the end user for each application and assay.

## Storage

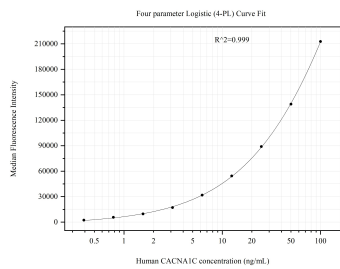
**Storage:**  
Store at -80°C.

**Storage Buffer:**  
PBS Only

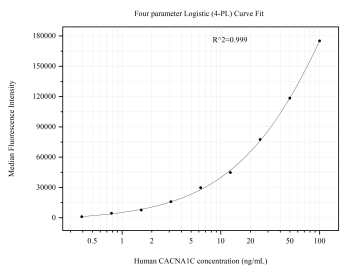
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
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# Selected Validation Data



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



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