

For Research Use Only

# PICALM Recombinant Matched Antibody Pair, PBS Only



Catalog Number:MP02979-1

## Capture Antibody Information

**Catalog Number:**  
87344-4-PBS  
**Host:**  
Rabbit  
**Isotype:**  
IgG  
**Purification Method:**  
Protein A purification

**Clone ID:**  
252594C12  
**Reactivity:**  
human  
**Immunogen Catalog Number:**  
Eg5966

**Conjugate:**  
Unconjugated  
**Full name:**  
phosphatidylinositol binding clathrin assembly protein  
**Gene ID:**  
8301

## Detection Antibody Information

**Catalog Number:**  
87344-3-PBS  
**Host:**  
Rabbit  
**Isotype:**  
IgG  
**Purification Method:**  
Protein A purification

**Clone ID:**  
252594B7  
**Reactivity:**  
human  
**GenBank:**  
NM\_007166.3  
**Immunogen Catalog Number:**  
Eg5966

**Conjugate:**  
Unconjugated  
**Full name:**  
phosphatidylinositol binding clathrin assembly protein  
**Gene ID:**  
8301

## Applications

**Tested Applications:**  
Cytometric bead array

**Range:**  
0.781-100 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

MP02979-1 targets PICALM in immunoassays as a matched antibody pair. Validated in Cytometric bead array.

Capture antibody: PICAL Recombinant monoclonal antibody, PBS Only (Capture) 87344-4-PBS (252594C12). 100 µg. Concentration 1 mg/mL.

Detection antibody: PICAL Recombinant monoclonal antibody, PBS Only (Detector) 87344-3-PBS (252594B7). 100 µg. Concentration 1 mg/mL.

Unconjugated rabbit recombinant monoclonal antibody pair in PBS only storage buffer at a concentration of 1 mg/mL, ready for conjugation. Created using Proteintech's proprietary in-house recombinant technology. Recombinant production enables unrivalled batch-to-batch consistency, easy scale-up, and future security of supply.

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

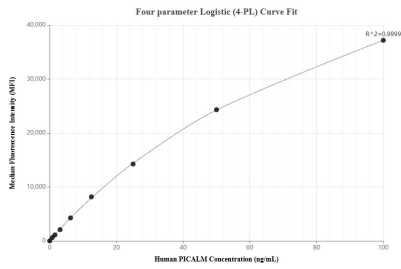
For technical support and original validation data for this product please contact:

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

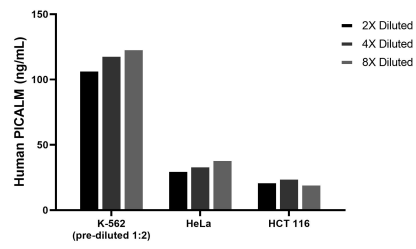
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

**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 MPO2979-1, PICALM Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 87344-4-PBS. Detection antibody: 87344-3-PBS. Standard: Eg5966. Range: 0.781-100 ng/mL.



The mean PICALM concentration was determined to be 116.9 ng/mL in K-562 cell extract based on a 1.2 mg/mL extract load, 32.5 ng/mL in HeLa cell extract based on a 1.2 mg/mL extract load, 22.5 ng/mL in HCT 116 cell extract based on a 1.2 mg/mL extract load.