

For Research Use Only

PICAL Recombinant monoclonal antibody, PBS Only (Detector)

Catalog Number: 87344-3-PBS



Basic Information

Catalog Number: 87344-3-PBS	GenBank Accession Number: NM_007166.3	Purification Method: Protein A purification
Size: 100ug, Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 8301	CloneNo.: 25259487
Source: Rabbit	UNIPROT ID: Q13492-1	
Isotype: IgG	Full Name: phosphatidylinositol binding clathrin assembly protein	
Immunogen Catalog Number: EG5966	Calculated MW: 71 kDa	

Applications

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

Species Specificity:
human

Product Information

87344-3-PBS targets PICAL as part of a matched antibody pair:

MP02979-1: 87344-4-PBS capture and 87344-3-PBS detection (validated in Cytometric bead array)

MP02979-2: 87344-5-PBS capture and 87344-3-PBS detection (validated in Sandwich ELISA)

Unconjugated rabbit recombinant monoclonal antibody in PBS only (BSA and azide free) 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.

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, pH7.3

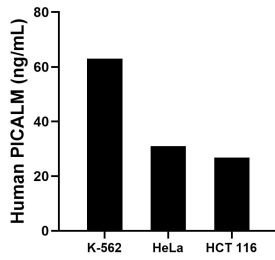
For technical support and original validation data for this product please contact:

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

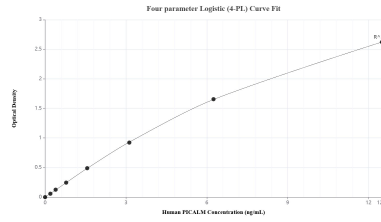
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

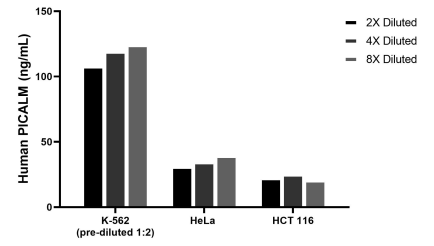
Selected Validation Data



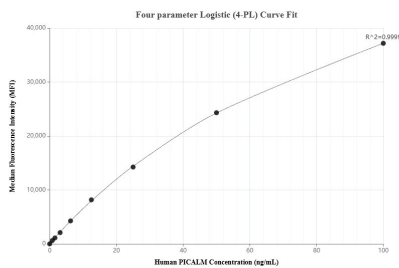
The mean PICALM concentration was determined to be 63.00 ng/mL in K-562 cell extract based on a 1.20 mg/mL extract load, 31.01 ng/mL in HeLa cell extract based on a 1.20 mg/mL extract load and 26.77 ng/mL in HCT 116 cell extract based on a 1.30 mg/mL extract load.



Sandwich ELISA standard curve of MP02979-2, Human PICALM Recombinant Matched Antibody Pair - PBS only. 87344-5-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg5966. 87344-3-PBS was HRP conjugated as the detection antibody. Range: 0.195-12.5 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.



Cytometric bead array standard curve of MP02979-1, 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