

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
Source: Rabbit	GeneID (NCBI): 8301	CloneNo.: 25259487
Isotype: IgG	UNIPROT ID: Q13492-1	
Immunogen Catalog Number: EG5966	Full Name: phosphatidylinositol binding clathrin assembly protein	
	Calculated MW: 71 kDa	

Applications

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

Species Specificity:
human

Background Information

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, pH7.3

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

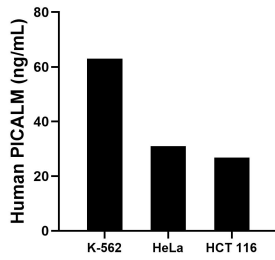
T: 4006900926

E: Proteintech-CN@ptglab.com

W: ptgcn.com

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

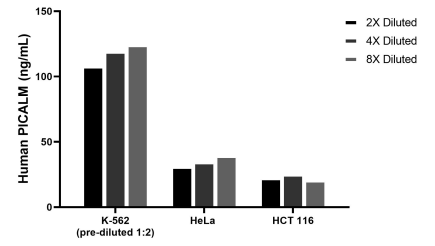
Selected Validation Data



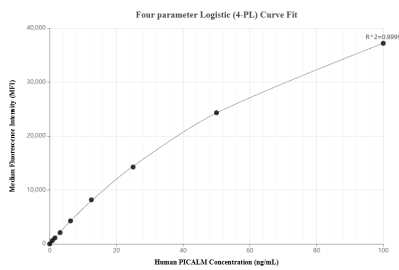
The mean PICALM concentration was determined to be 63.00 ng/mL in K-562 cell extract based on a 1.20 mg/mL extract load, 31.01 ng/mL in HeLa cell extract based on a 1.20 mg/mL extract load and 26.77 ng/mL in HCT 116 cell extract based on a 1.30 mg/mL extract load.



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