

For Research Use Only

PCYT1A Recombinant antibody, PBS Only

Catalog Number: 83100-1-PBS



Basic Information

Catalog Number: 83100-1-PBS	GenBank Accession Number: NM_005017	Purification Method: Protein A purification
Size: 100ug, Concentration: 1mg/ml by Nanodrop;	GeneID (NCBI): 5130	CloneNo.: 230393B4
Source: Rabbit	UNIPROT ID: P49585	
Isotype: IgG	Full Name: phosphate cytidyltransferase 1, choline, alpha	
Immunogen Catalog Number: AG34268	Calculated MW: 42 kDa	
	Observed MW: 38-41 kDa	

Applications

Tested Applications:
WB, IF/ICC, FC (Intra), Indirect ELISA

Species Specificity:
human, mouse

Storage

Storage:
Store at -80°C.

Storage Buffer:
PBS Only

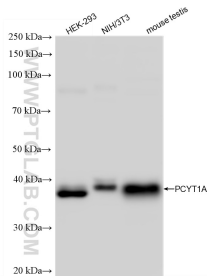
For technical support and original validation data for this product please contact:

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

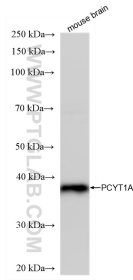
E: proteintech@ptglab.com
W: ptglab.com

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

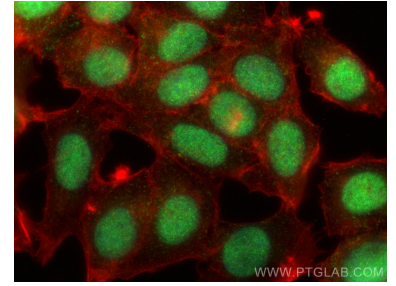
Selected Validation Data



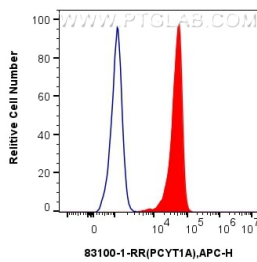
Various lysates were subjected to SDS PAGE followed by western blot with 83100-1-RR (PCYT1A antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 83100-1-PBS in a different storage buffer formulation.



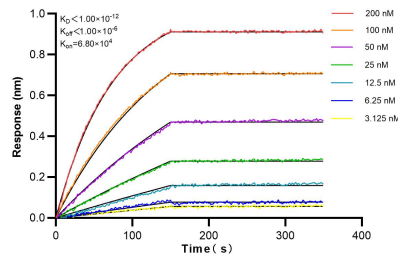
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Immunofluorescent analysis of (4% PFA) fixed MCF-7 cells using PCYT1A antibody (83100-1-RR, Clone: 230393B4) at dilution of 1:400 and Multi-rAb Coralite® Plus 488-Goat Anti-Rabbit Recombinant Secondary Antibody (H+L) (RGAR002), CL594-phalloidin (red). This data was developed using the same antibody clone with 83100-1-PBS in a different storage buffer formulation.



1x10⁶ A431 cells were intracellularly stained with 0.25 ug Anti-Human PCYT1A (83100-1-RR, Clone:230393B4) and APC-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)(red), or 0.25 ug Rabbit IgG control Rabbit PolyAb (30000-O-AP) (blue). Cells were fixed and permeabilized with True-Nuclear Transcription Factor Buffer Set. This data was developed using the same antibody clone with 83100-1-PBS in a different storage buffer formulation.



Biolayer interferometry (BLI) kinetic assays of 83100-1-RR against Human PCYT1A were performed. The affinity constant is below 1 pM.