

For Research Use Only

PCYT1A Recombinant antibody, PBS Only (Detector)



Catalog Number: 83100-2-PBS

Basic Information

Catalog Number: 83100-2-PBS	GenBank Accession Number: NM_005017	Purification Method: Protein A purification
Size: 100ug , Concentration: 1mg/ml by Nanodrop;	GeneID (NCBI): 5130	CloneNo.: 230393G2
Source: Rabbit	UNIPROT ID: P49585	
Isotype: IgG	Full Name: phosphate cytidyltransferase 1, choline, alpha	
Immunogen Catalog Number: AG34268	Calculated MW: 42 kDa	

Applications

Tested Applications:
IF/ICC, Cytometric bead array, Indirect ELISA

Species Specificity:
human

Product Information

83100-2-PBS targets PCYT1A as part of a matched antibody pair:

MP00303-2: 83100-4-PBS capture and 83100-2-PBS detection (validated in Cytometric bead array)

MP00303-3: 83100-3-PBS capture and 83100-2-PBS detection (validated in Cytometric bead array)

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

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)

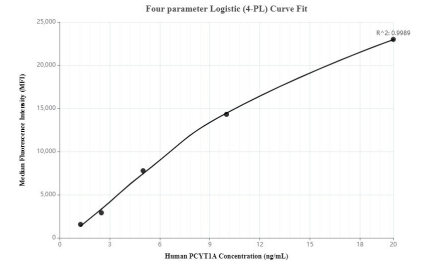
E: proteintech@ptglab.com
W: ptglab.com

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

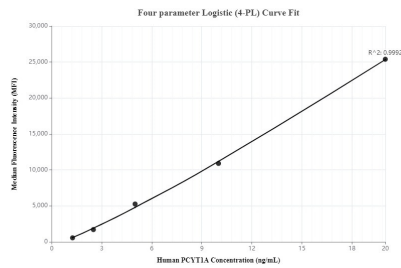
Selected Validation Data

Immunofluorescent analysis of (-20°C Ethanol) fixed MCF-7 cells using PCYT1A antibody (83100-2-RR, Clone: 230393G2) at dilution of 1:25 and CoraLite@488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) (SA00013-2). This data was developed using the same antibody clone with 83100-2-PBS in a different storage buffer formulation.

1x10⁶ A431 cells were intracellularly stained with 0.25 ug Anti-Human PCYT1A (83100-2-RR, Clone:230393G2) and APC-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)(red), or 0.25 ug Rabbit IgG control Rabbit PolyAb (30000-0-AP) (blue). Cells were fixed and permeabilized with True-Nuclear Transcription Factor Buffer Set. This data was developed using the same antibody clone with 83100-2-PBS in a different storage buffer formulation.



Cytometric bead array standard curve of MP00303-2, PCYT1A Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 83100-4-PBS. Detection antibody: 83100-2-PBS. Standard: Ag34268. Range: 1.25-20 ng/mL.



Cytometric bead array standard curve of MP00303-3, PCYT1A Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 83100-3-PBS. Detection antibody: 83100-2-PBS. Standard: Ag34268. Range: 1.25-20 ng/mL.