

For Research Use Only

DCP1A Recombinant antibody, PBS Only (Capture)

Catalog Number: 85047-2-PBS



Basic Information

Catalog Number: 85047-2-PBS	GenBank Accession Number: BC007439	Purification Method: Protein A purification
Size: 100ug, Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 55802	CloneNo.: 242553B3
Source: Rabbit	UNIPROT ID: Q9NPI6	
Isotype: IgG	Full Name: DCP1 decapping enzyme homolog A (S. cerevisiae)	
Immunogen Catalog Number: AG18027	Calculated MW: 582 aa, 63 kDa	

Applications

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

Species Specificity:
human

Product Information

85047-2-PBS targets DCP1A as part of a matched antibody pair:

MP01815-1: 85047-2-PBS capture and 85047-3-PBS detection (validated in Cytometric bead array)

MP01815-3: 85047-2-PBS capture and 85047-1-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

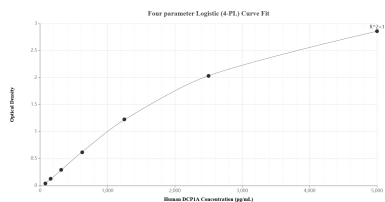
Storage:
Store at -80°C.

Storage Buffer:
PBS Only

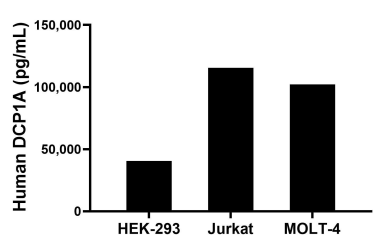
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

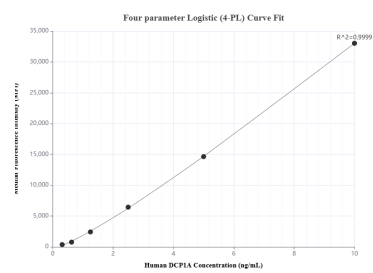
Selected Validation Data



Sandwich ELISA standard curve of MP01815-3, Human DCP1A Recombinant Matched Antibody Pair - PBS only. 85047-2-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag18027. 85047-1-PBS was HRP conjugated as the detection antibody. Range: 78.1-5000 pg/mL.



The mean DCP1A concentration was determined to be 40,493.9 pg/mL in HEK-293 cell extract based on a 2.7 mg/mL extract load, 115,506.8 pg/mL in Jurkat cell extract based on a 3.1 mg/mL extract load and 102,083.76 pg/mL in MOLT-4 cell extract based on a 3.2 mg/mL extract load.



Cytometric bead array standard curve of MP01815-1, DCP1A Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 85047-2-PBS. Detection antibody: 85047-3-PBS. Standard: Ag18027. Range: 0.313-10 ng/mL.