

For Research Use Only

CCT3 Recombinant monoclonal antibody, PBS Only (Detector)

Catalog Number: 87920-2-PBS



Basic Information

Catalog Number: 87920-2-PBS	GenBank Accession Number: BC006501	Purification Method: Protein A purification
Size: 100ug, Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 7203	CloneNo.: 260042G12
Source: Rabbit	UNIPROT ID: P49368	
Isotype: IgG	Full Name: chaperonin containing TCP1, subunit 3 (gamma)	
Immunogen Catalog Number: AG0843	Calculated MW: 60 kDa	

Applications

Tested Applications:
Cytometric bead array, Indirect ELISA

Species Specificity:
human

Product Information

87920-2-PBS targets CCT3 as part of a matched antibody pair:

MP03259-1: 87920-3-PBS capture and 87920-2-PBS detection (validated in Cytometric bead array, 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

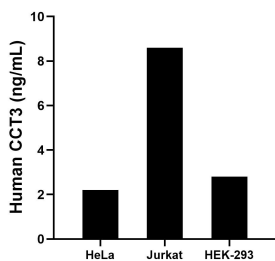
Storage:
Store at -80°C.

Storage Buffer:
PBS only, pH7.3

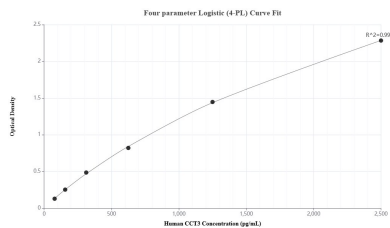
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

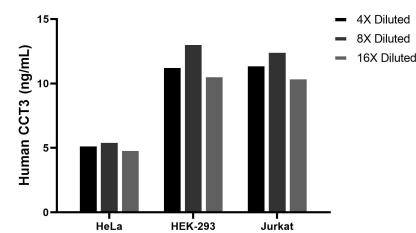
Selected Validation Data



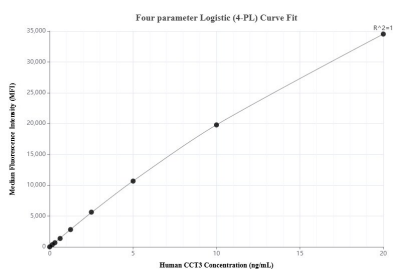
The mean CCT3 concentration was determined to be 2.16 ng/mL in HeLa cell extract based on a 1.2 mg/mL extract load, 8.59 ng/mL in Jurkat cell extract based on a 1.2 mg/mL extract load and 2.81 ng/mL in HEK-293 cell extract based on a 1.5 mg/mL extract load.



Sandwich ELISA standard curve of MP03259-1, Human CCT3 Recombinant Matched Antibody Pair - PBS only. 87920-3-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag0843. 87920-2-PBS was HRP conjugated as the detection antibody. Range: 78.1-2500 pg/mL



The mean CCT3 concentration was determined to be 5.2 ng/mL in HeLa cell extract based on a 1.2 mg/mL extract load, 11.7 ng/mL in HEK-293 cell extract based on a 1.5 mg/mL extract load, 11.5 ng/mL in Jurkat cell extract based on a 1.2 mg/mL extract load.



Cytometric bead array standard curve of MP03259-1, CCT3 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 87920-3-PBS. Detection antibody: 87920-2-PBS. Standard: Ag0843. Range: 0.156-20 ng/mL