

CCT3 Recombinant Matched Antibody Pair, PBS Only

Catalog Number: MP03259-1

Capture Antibody Information

Catalog Number: 87920-3-PBS	Clone ID: 260042F2	Conjugate: Unconjugated
Host: Rabbit	Reactivity: human	Full name: chaperonin containing TCP1, subunit 3 (gamma)
Isotype: IgG	GenBank: BC006501	Gene ID: 7203
Purification Method: Protein A purification	Immunogen Catalog Number: Ag0843	

Detection Antibody Information

Catalog Number: 87920-2-PBS	Clone ID: 260042G12	Conjugate: Unconjugated
Host: Rabbit	Reactivity: human	Full name: chaperonin containing TCP1, subunit 3 (gamma)
Isotype: IgG	GenBank: BC006501	Gene ID: 7203
Purification Method: Protein A purification	Immunogen Catalog Number: Ag0843	

Applications

Tested Applications: Cytometric bead array, Sandwich ELISA	Range: 0.156-20 ng/mL (Cytometric Bead Array) 78.1-2500 pg/mL (Sandwich ELISA)	Recommended Dilutions: It is recommended that this reagent should be titrated in each testing system to obtain optimal results.
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Product Information

MP03259-1 targets CCT3 in immunoassays as a matched antibody pair. Validated in Cytometric bead array, Sandwich ELISA.

Capture antibody: CCT3 Recombinant monoclonal antibody, PBS Only (Capture) 87920-3-PBS (260042F2). 100 µg. Concentration 1 mg/mL.

Detection antibody: CCT3 Recombinant monoclonal antibody, PBS Only (Detector) 87920-2-PBS (260042G12). 100 µg. Concentration 1 mg/mL.

Unconjugated rabbit recombinant monoclonal antibody pair in PBS only 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.

Matched antibody pairs are designed for use in a variety of assays and platforms that require matched antibody pairs.

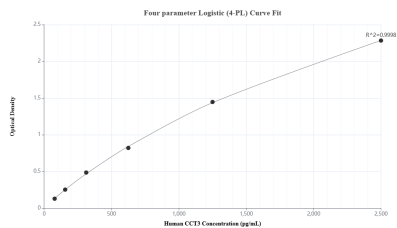
Antibody use should be optimized for each application and assay.

Storage

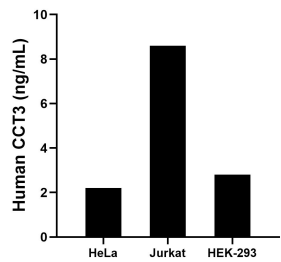
Storage:
Store at -80°C.
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage buffer:
PBS only

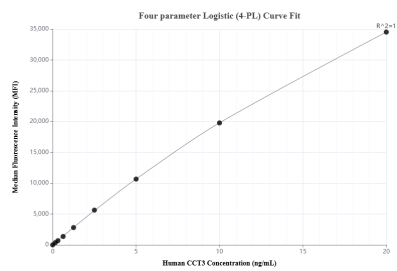
Selected Validation Data



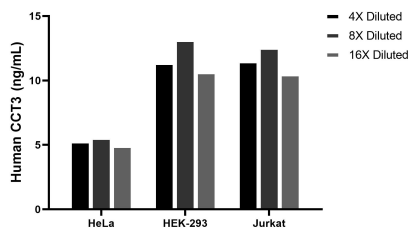
Sandwich ELISA standard curve of MP03259-1, Human CCT3 Recombinant Matched Antibody Pair - PBS only. 87920-3-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag0843. 87920-2-PBS was HRP conjugated as the detection antibody. Range: 78.1-2500 pg/mL



The mean CCT3 concentration was determined to be 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.



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



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.