

NPC1 Recombinant Matched Antibody Pair, PBS Only

Catalog Number: **MP02312-2**

Capture Antibody Information

Catalog Number: 86233-4-PBS	Clone ID: 250854C3	Conjugate: Unconjugated
Host: Rabbit	Reactivity: human	Full name: Niemann-Pick disease, type C1
Isotype: IgG	GenBank: BC063302	Gene ID: 4864
Purification Method: Protein A purification	Immunogen Catalog Number: Ag4946	

Detection Antibody Information

Catalog Number: 86233-3-PBS	Clone ID: 250854C4	Conjugate: Unconjugated
Host: Rabbit	Reactivity: human	Full name: Niemann-Pick disease, type C1
Isotype: IgG	GenBank: BC063302	Gene ID: 4864
Purification Method: Protein A purification	Immunogen Catalog Number: Ag4946	

Applications

Tested Applications: Sandwich ELISA	Range: 0.781-50 ng/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

MP02312-2 targets NPC1 in immunoassays as a matched antibody pair. Validated in Sandwich ELISA.

Capture antibody: NPC1 Recombinant antibody, PBS Only (Capture) 86233-4-PBS (250854C3). 100 µg. Concentration 1 mg/mL.

Detection antibody: NPC1 Recombinant antibody, PBS Only (Capture/Detector) 86233-3-PBS (250854C4). 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.

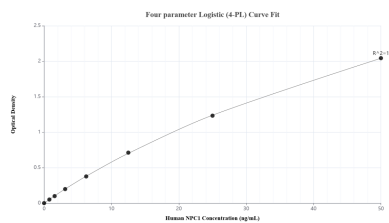
Matched antibody pairs are designed for use in a variety of assays and platforms that require matched antibody pairs.

Antibody use should be optimized for each application and assay.

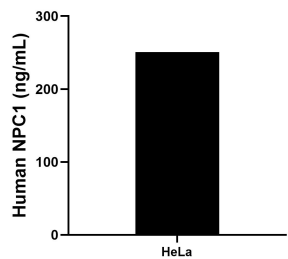
Storage

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 MP02312-2, Human NPC1 Recombinant Matched Antibody Pair - PBS only. 86233-4-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag4946. 86233-3-PBS was HRP conjugated as the detection antibody. Range: 0.781-50 ng/mL.



The mean NPC1 concentration was determined to be 250.84 ng/mL in HeLa cell extract based on a 1.20 mg/mL extract load.