

For Research Use Only

MTCO2 Recombinant Matched Antibody Pair, PBS Only



Catalog Number:MP00254-4

Capture Antibody Information

Catalog Number:
83132-9-PBS

Host:
Rabbit

Isotype:
IgG

Purification Method:
Protein A purification

Clone ID:
230448G4

Reactivity:
human

GenBank:
YP_003024029

Conjugate:
Unconjugated

Full name:
cytochrome c oxidase II

Gene ID:
4513

Detection Antibody Information

Catalog Number:
83132-6-PBS

Host:
Rabbit

Isotype:
IgG

Purification Method:
Protein A purification

Clone ID:
230448E2

Reactivity:
human

GenBank:
YP_003024029

Conjugate:
Unconjugated

Full name:
cytochrome c oxidase II

Gene ID:
4513

Applications

Tested Applications:
Sandwich ELISA

Range:
0.156-10 ng/mL (Sandwich ELISA)

Recommended Dilutions:
It is recommended that this reagent should be titrated in each testing system to obtain optimal results.

Product Information

MP00254-4 targets MTCO2 in immunoassays as a matched antibody pair. Validated in Sandwich ELISA.

Capture antibody: MTCO2 Recombinant antibody, PBS Only (Capture) 83132-9-PBS (230448G4). 100 µg. Concentration 1 mg/ml.

Detection antibody: MTCO2 Recombinant antibody, PBS Only (Detector) 83132-6-PBS (230448E2). 100 µg. Concentration 1 mg/ml.

Alternative MTCO2 matched antibody pairs: MP00254-1, MP00254-2, MP00254-3

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

For technical support and original validation data for this product please contact:

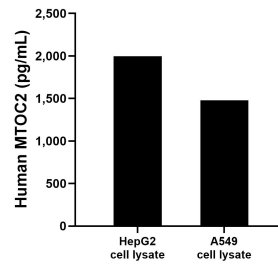
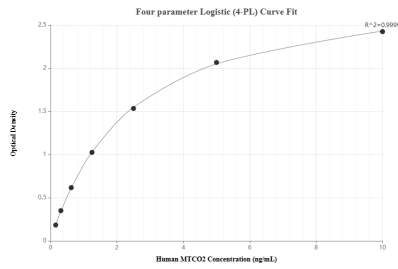
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Sandwich ELISA standard curve of MP00254-4, Human MTCO2 Recombinant Matched Antibody Pair - PBS only. 83132-9-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard SY01099. 83132-6-PBS was HRP conjugated as the detection antibody. Range: 0.156-10 ng/mL

HepG2 and A549 cell lysates were measured. The human MTCO2 concentration of detected samples was determined to be 1,996.9 pg/mL (based on a 1.2 mg/mL extract load) in HepG2 cell lysate and 1,477.3 pg/mL (based on a 1.0 mg/mL extract load) in A549 cell lysate.