

For Research Use Only

# MTCO2 Recombinant Matched Antibody Pair, PBS Only



Catalog Number:MP00254-1

## Capture Antibody Information

Catalog Number:  
83132-3-PBS

Host:  
Rabbit

Isotype:  
IgG

Purification Method:  
Protein A purification

Clone ID:  
230448B4

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:  
Cytometric bead array

Range:  
0.313-20 ng/mL (Cytometric Bead Array)

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

## Product Information

MP00254-1 targets MTCO2 in immunoassays as a matched antibody pair. Validated in Cytometric bead array.

Capture antibody: MTCO2 Recombinant antibody, PBS Only (Capture) 83132-3-PBS (230448B4). 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: MP00254-2, MP00254-3

Unconjugated rabbit recombinant monoclonal antibody pair 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.

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.  
Storage buffer:  
PBS only

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

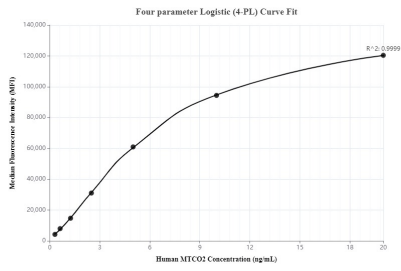
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

W: [ptgcn.com](http://ptgcn.com)

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

## Selected Validation Data



Cytometric bead array standard curve of MP00254-1, MTCO2 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 83132-3-PBS. Detection antibody: 83132-6-PBS. Standard: SY01099. Range: 0.313-20 ng/mL