

For Research Use Only

MTCO2 Recombinant antibody, PBS Only (Capture)

Catalog Number:83132-9-PBS



Basic Information

Catalog Number: 83132-9-PBS	GenBank Accession Number: YP_003024029	Purification Method: Protein A purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 4513	CloneNo.: 230448G4
Source: Rabbit	UNIPROT ID: P00403	
Isotype: IgG	Full Name: cytochrome c oxidase II	
	Calculated MW: 26 kDa	

Applications

Tested Applications:
Sandwich ELISA, Indirect ELISA, Sample test

Species Specificity:
human

Product Information

83132-9-PBS targets MTCO2 as part of a matched antibody pair:

MP00254-4: 83132-9-PBS capture and 83132-6-PBS detection (validated in 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

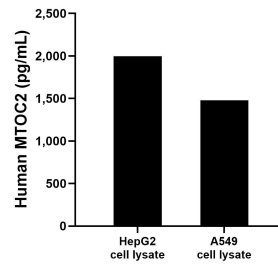
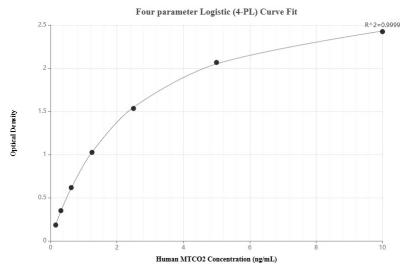
For technical support and original validation data for this product please contact:

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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.