

For Research Use Only

MTCO2 Recombinant monoclonal antibody, PBS Only (Capture)

Catalog Number: 83132-3-PBS



Basic Information

Catalog Number: 83132-3-PBS	GenBank Accession Number: YP_003024029	Purification Method: Protein A purification
Source: Rabbit	GeneID (NCBI): 4513	CloneNo.: 230448B4
Isotype: IgG	UNIPROT ID: P00403	
	Full Name: cytochrome c oxidase II	
	Calculated MW: 26 kDa	

Applications

Tested Applications:
Cytometric bead array, Sandwich ELISA, Indirect ELISA

Species Specificity:
human

Background Information

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, pH7.3

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

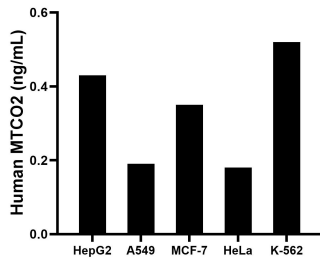
T: 4006900926

E: Proteintech-CN@ptglab.com

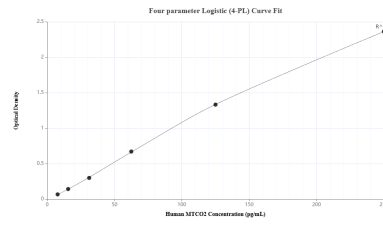
W: ptgcn.com

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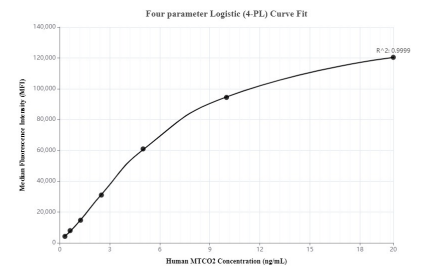
Selected Validation Data



The mean MTCO2 concentration was determined to be 0.43 ng/mL in HepG2 cell extract based on a 1.2 mg/mL extract load, 0.19 ng/mL in A549 cell extract based on a 1.1 mg/mL extract load, 0.35 ng/mL in MCF-7 cell extract based on a 1.2 mg/mL extract load, 0.18 ng/mL in HeLa cell extract based on a 1.2 mg/mL extract load and 0.52 ng/mL in K-562 cell extract based on a 1.2 mg/mL extract load.



Sandwich ELISA standard curve of MP00254-1, Human MTCO2 Recombinant Matched Antibody Pair - PBS only. 83132-3-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: 7.8-250 pg/mL



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