

For Research Use Only

COXIV Monoclonal antibody, PBS Only (Capture)

Catalog Number:60251-1-PBS



Basic Information

Catalog Number: 60251-1-PBS	GenBank Accession Number: BC021236	Purification Method: Protein G purification
Size: 1mg/ml	GeneID (NCBI): 1327	CloneNo.: 3C7D2
Source: Mouse	UNIPROT ID: P13073	
Isotype: IgG1	Full Name: cytochrome c oxidase subunit IV isoform 1	
Immunogen Catalog Number: AG20551	Calculated MW: 19.6 kDa	
	Observed MW: 17-18 kDa	

Applications

Tested Applications:
Cytometric bead array, Indirect ELISA

Species Specificity:
human

Background Information

COX4l1, also named as COX4 and COXIV-1, belongs to the cytochrome c oxidase IV family. It is one of the nuclear-coded polypeptide chains of cytochrome c oxidase, the terminal oxidase in mitochondrial electron transport. COX4l1 is a marker for mitochondria. It has two isoforms (isoform 1 and 2). Isoform 1(COX4l1) is ubiquitously expressed and isoform 2 is highly expressed in lung tissues. COX4l1 is commonly used as a loading control. This antibody is specific to COX4l1 and do not cross reacts with COX4l2.

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:

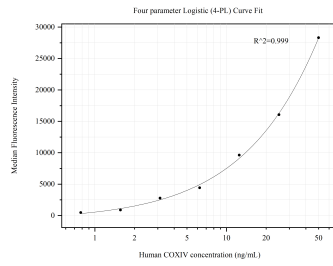
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Cytometric bead array standard curve of MP50551-2, COXIV Monoclonal Matched Antibody Pair, PBS Only. Capture antibody: 60251-1-PBS. Detection antibody: 60251-3-PBS. Standard:Ag1640. Range: 0.781-50 ng/mL