

For Research Use Only

COX6B1 Recombinant monoclonal antibody, PBS Only

Catalog Number: 86783-3-PBS



Basic Information

Catalog Number: 86783-3-PBS	GenBank Accession Number: BC001015	Purification Method: Protein A purification
Source: Rabbit	GeneID (NCBI): 1340	CloneNo.: 251743G4
Isotype: IgG	UNIPROT ID: P14854	
Immunogen Catalog Number: AG1984	Full Name: cytochrome c oxidase subunit VIb polypeptide 1 (ubiquitous)	
	Calculated MW: 80 aa, 10 kDa	
	Observed MW: 10-13 kDa	

Applications

Tested Applications:
WB, IF/ICC, Indirect ELISA

Species Specificity:
human

Background Information

COX6B1 (Cytochrome c oxidase subunit 6B1) is also named as COX6B and belongs to the cytochrome c oxidase subunit 6B family. It connects the two COX monomers into the physiological dimeric form. Defects in COX6B1 are a cause of mitochondrial complex IV deficiency (MT-C4D).

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:

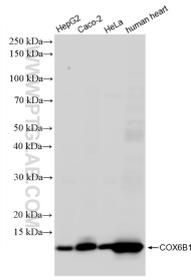
T: 4006900926

E: Proteintech-CN@ptglab.com

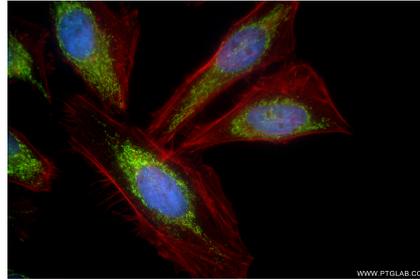
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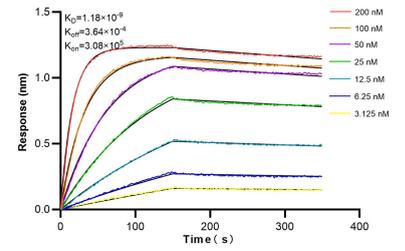
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 86783-3-RR (COX6B1 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 86783-3-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (4% PFA) fixed HeLa cells using COX6B1 antibody (86783-3-RR, Clone: 251743G4) at dilution of 1:1000 and CoraLite® 488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2), CL594-Phalloidin (red). This data was developed using the same antibody clone with 86783-3-PBS in a different storage buffer formulation.



Bilayer interferometry (BLI) kinetic assays of 86783-3-RR against Human COX6B1 were performed. The affinity constant is 1.18 nM.