

For Research Use Only

NDUFA9 Recombinant monoclonal antibody, PBS Only

Catalog Number: 87143-2-PBS



Basic Information

Catalog Number: 87143-2-PBS	GenBank Accession Number: BC009311	Purification Method: Protein A purification
Size: 100ug, Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 4704	CloneNo.: 252374E1
Source: Rabbit	UNIPROT ID: Q16795	
Isotype: IgG	Full Name: NADH dehydrogenase (ubiquinone) 1 alpha subcomplex, 9, 39kDa	
Immunogen Catalog Number: AG16832	Calculated MW: 377 aa, 43 kDa	
	Observed MW: 35 kDa	

Applications

Tested Applications:
WB, IHC, IF/ICC, Indirect ELISA

Species Specificity:
human, mouse, rat

Background Information

NDUFA9 (NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 9, mitochondrial) is also named as NDUF52L, CI-39kD and belongs to the complex I NDUFA9 subunit family. It is involved in stabilizing the junction between membrane and matrix arms of complex I, a late assembly step critical for complex I biogenesis and activity.

Storage

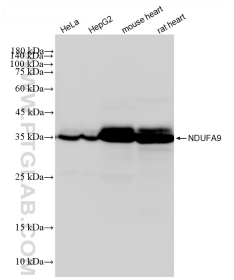
Storage:
Store at -80°C.

Storage Buffer:
PBS only, pH7.3

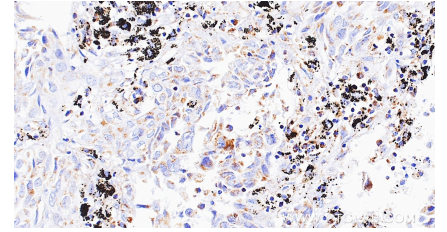
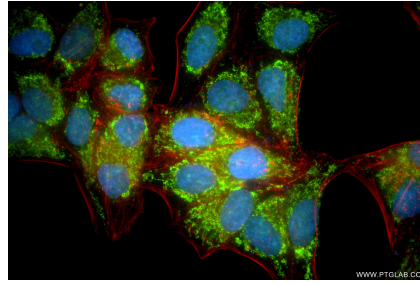
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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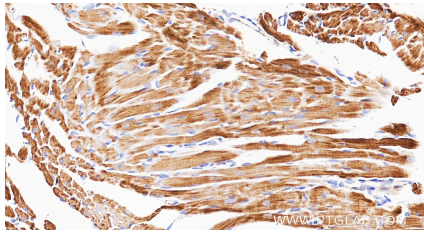
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 87143-2-RR (NDUF A9 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 87143-2-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded Human lung cancer (Adenocarcinoma) slide using 87143-2-RR (NDUF A9 antibody) at dilution of 1:1000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 87143-2-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded mouse heart tissue slide using 87143-2-RR (NDUF A9 antibody) at dilution of 1:1000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 87143-2-PBS in a different storage buffer formulation.