

NDUFV1 Monoclonal antibody, PBS Only

Catalog Number: 68144-1-PBS

Basic Information

Catalog Number: 68144-1-PBS	GenBank Accession Number: BC015645	Purification Method: Protein A purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 4723	CloneNo.: 3E9D4
Source: Mouse	UNIPROT ID: P49821	
Isotype: IgG2a	Full Name: NADH dehydrogenase (ubiquinone) flavoprotein 1, 51kDa	
Immunogen Catalog Number: AG32659	Calculated MW: 51 kDa	
	Observed MW: 45 kDa	

Applications

Tested Applications:
WB, IHC, Indirect ELISA

Species Specificity:
Human, pig, rabbit, rat, mouse

Background Information

NDUFV1(NADH dehydrogenase [ubiquinone] flavoprotein 1, mitochondrial) is also named as UQOR1,Complex I-51kD and belongs to the complex I 51 kDa subunit family. It is the core subunit of the mitochondrial membrane respiratory chain NADH dehydrogenase (Complex I) that is believed to belong to the minimal assembly required for catalysis. It has 2 isoforms produced by alternative splicing. Defects in NDUFV1 are a cause of Leigh syndrome (LS) and mitochondrial complex I deficiency (MT-C1D).

Storage

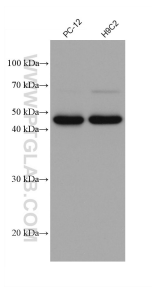
Storage:
Store at -80°C.

Storage Buffer:
PBS Only

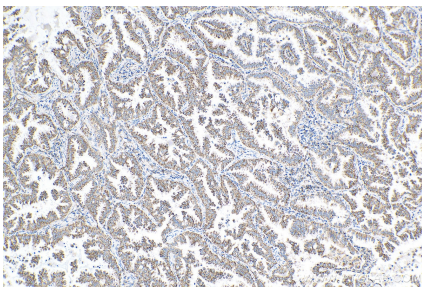
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 68144-1-Ig (NDUFV1 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 68144-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human lung cancer tissue slide using 68144-1-Ig (NDUFV1 antibody) at dilution of 1:1000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 68144-1-PBS in a different storage buffer formulation.