

For Research Use Only

NDUFA9 Recombinant monoclonal antibody, PBS Only

Catalog Number: 87143-2-PBS



Basic Information

Catalog Number:

87143-2-PBS

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG16832

GenBank Accession Number:

BC009311

GeneID (NCBI):

4704

UNIPROT ID:

Q16795

Full Name:

NADH dehydrogenase (ubiquinone) 1
alpha subcomplex, 9, 39kDa

Calculated MW:

377 aa, 43 kDa

Observed MW:

35 kDa

Purification Method:

Protein A purification

CloneNo.:

252374E1

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 NDUFS2L, 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.

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:

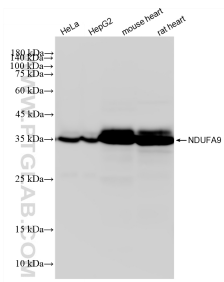
T: 4006900926

E: Proteintech-CN@ptglab.com

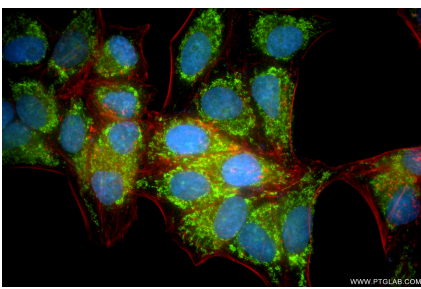
W: ptgcn.com

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

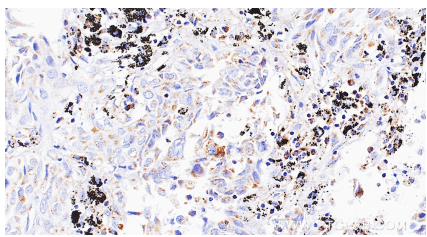
Selected Validation Data



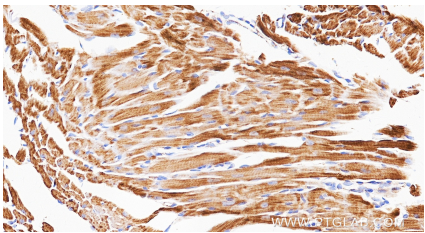
Various lysates were subjected to SDS PAGE followed by western blot with 87143-2-RR (NDUF A9 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 87143-2-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (4% PFA) fixed HeLa cells using NDUF A9 antibody (87143-2-RR, Clone: 252374E1) at dilution of 1:500 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 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.