

KD-Validated Anti-NDUFB9 Rabbit Monoclonal Antibody
Rabbit monoclonal antibody
Catalog # AGI1586**Specification****KD-Validated Anti-NDUFB9 Rabbit Monoclonal Antibody - Product Information**

Application	WB, FC, ICC
Primary Accession	Q9Y6M9
Reactivity	Rat, Human, Mouse
Clonality	Monoclonal
Isotype	Rabbit IgG
Calculated MW	Predicted, 22 kDa , observed , 22 kDa KDa
Gene Name	NDUFB9
Aliases	NADH:Ubiquinone Oxidoreductase Subunit B9; UQOR22; LYRM3; B22; NADH Dehydrogenase (Ubiquinone) 1 Beta Subcomplex, 9, 22kDa; NADH Dehydrogenase [Ubiquinone] 1 Beta Subcomplex Subunit 9; NADH-Ubiquinone Oxidoreductase B22 Subunit; LYR Motif-Containing Protein 3; Complex I B22 Subunit; CI-B22; NADH Dehydrogenase (Ubiquinone) 1 Beta Subcomplex, 9 (22kD, B22); Complex I-B22; MC1DN24
Immunogen	A synthesized peptide derived from human NDUFB9

KD-Validated Anti-NDUFB9 Rabbit Monoclonal Antibody - Additional Information

Gene ID	4715
Other Names	
NADH dehydrogenase [ubiquinone] 1 beta subcomplex subunit 9, Complex I-B22, CI-B22, LYR motif-containing protein 3, NADH-ubiquinone oxidoreductase B22 subunit, NDUFB9, LYRM3, UQOR22	

KD-Validated Anti-NDUFB9 Rabbit Monoclonal Antibody - Protein Information**Name** NDUFB9**Synonyms** LYRM3, UQOR22**Function**

Accessory subunit of the mitochondrial membrane respiratory chain NADH dehydrogenase (Complex I), that is believed to be not involved in catalysis. Complex I functions in the transfer of electrons from NADH to the respiratory chain. The immediate electron acceptor for the enzyme is believed to be ubiquinone.

Cellular Location

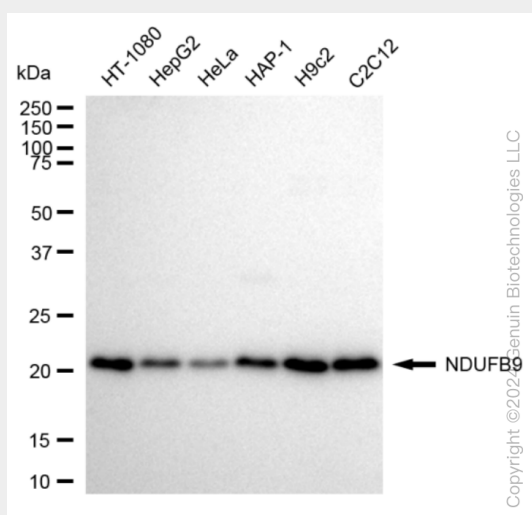
Mitochondrion inner membrane; Peripheral membrane protein; Matrix side

KD-Validated Anti-NDUFB9 Rabbit Monoclonal Antibody - Protocols

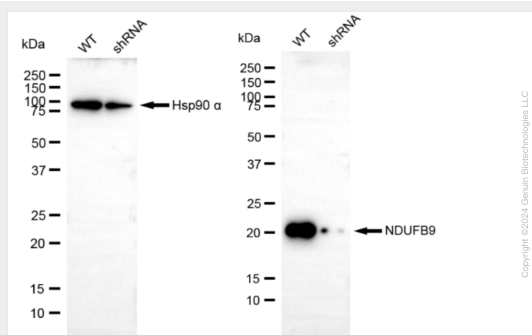
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

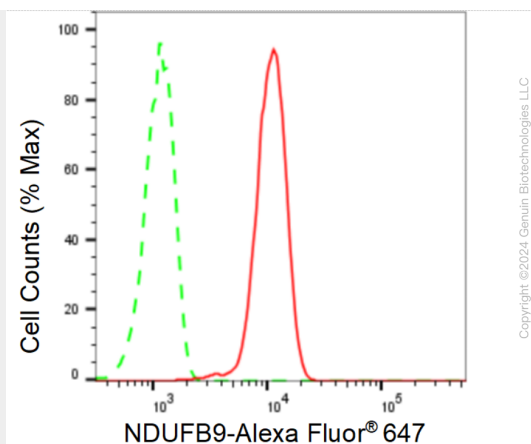
KD-Validated Anti-NDUFB9 Rabbit Monoclonal Antibody - Images



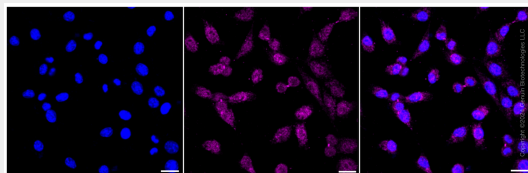
Western blotting analysis using anti-NDUFB9 antibody (Cat#AGI1586). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-NDUFB9 antibody (Cat#AGI1586, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



Western blotting analysis using anti-NDUFB9 antibody (Cat#AGI1586). NDUFB9 expression in wild type (WT) and NDUFB9 shRNA knockdown (KD) HeLa cells with 20 µg of total cell lysates. β-Tubulin serves as a loading control. The blot was incubated with anti-NDUFB9 antibody (Cat#AGI1586, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



Flow cytometric analysis of NDUF9 expression in C2C12 cells using NDUF9 antibody (Cat#AGI1586, 1:2,000). Green, isotype control; red, NDUF9.



Immunocytochemical staining of C2C12 cells with anti-NDUF9 antibody (Cat#AGI1586, 1:1,000). Nuclei were stained blue with DAPI; NDUF9 was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain: High. Scale bar: 20 µm.