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KD-Validated Anti-NDUFB10 Mouse Monoclonal Antibody

Mouse monoclonal antibody
Catalog # AGI2082

Specification

KD-Validated Anti-NDUFB10 Mouse Monoclonal Antibody - Product Information

Application	**WB**
Primary Accession	O96000
Reactivity	**Rat, Human, Mouse**
Clonality	**Monoclonal**
Isotype	**Mouse IgG1**
Calculated MW	**Predicted, 21 kDa, observed, 21 kDa KDa**
Gene Name	**NDUFB10**
Aliases	**NDUFB10; NADH:Ubiquinone Oxidoreductase Subunit B10; PDSW; NADH Dehydrogenase (Ubiquinone) 1 Beta Subcomplex, 10, 22kDa; NADH Dehydrogenase [Ubiquinone] 1 Beta Subcomplex Subunit 10; NADH-Ubiquinone Oxidoreductase PDSW Subunit; Complex I PDSW Subunit; Complex I-PDSW; CI-PDSW; NADH Dehydrogenase (Ubiquinone) 1 Beta Subcomplex, 10 (22kD, PDSW); NADH Ubiquinone Oxidoreductase PDSW Subunit (RH 16p13.3); MC1DN35**
Immunogen	**Recombinant protein of human NDUFB10**

KD-Validated Anti-NDUFB10 Mouse Monoclonal Antibody - Additional Information

Gene ID	**4716**

Other Names
NADH dehydrogenase [ubiquinone] 1 beta subcomplex subunit 10, Complex I-PDSW, CI-PDSW, NADH-ubiquinone oxidoreductase PDSW subunit, NDUFB10

KD-Validated Anti-NDUFB10 Mouse Monoclonal Antibody - Protein Information

Name NDUFB10

Function
Accessory subunit that is involved in the functional assembly of the mitochondrial respiratory chain complex I. Complex I has an NADH dehydrogenase activity with ubiquinone as an immediate electron acceptor and mediates the transfer of electrons from NADH to the respiratory chain.

Cellular Location
Mitochondrion inner membrane; Peripheral membrane protein; Matrix side

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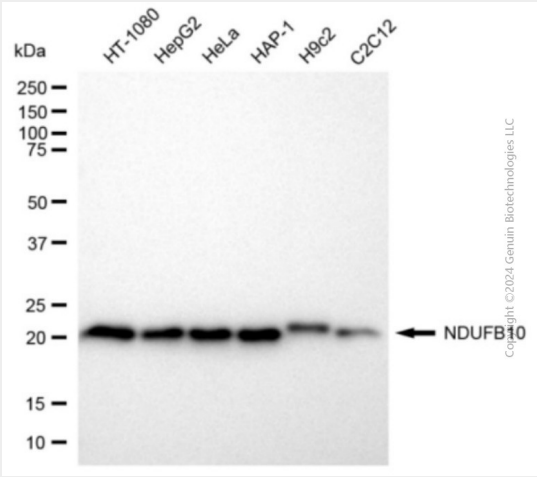
KD-Validated Anti-NDUFB10 Mouse Monoclonal Antibody - Protocols

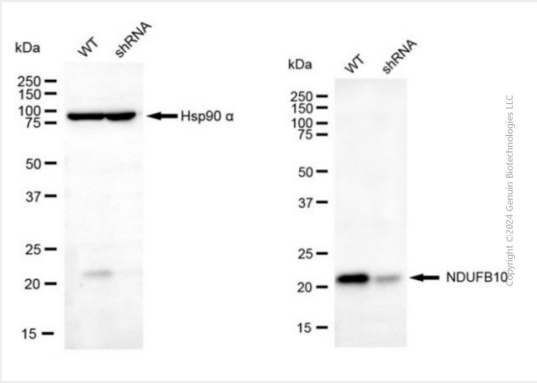
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

KD-Validated Anti-NDUFB10 Mouse Monoclonal Antibody - Images



Western blotting analysis using anti-NDUFB10 antibody (Cat#AGI2082). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-NDUFB10 antibody (Cat#AGI2082, 1:2,000) and HRP-conjugated goat anti-mouse secondary antibody respectively.



Western blotting analysis using anti-NDUFB10 antibody (Cat#AGI2082). NDUFB10 expression in wild-type (WT) and NDUFB10 shRNA knockdown (KD) HeLa cells with 20 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with anti-NDUFB10 antibody (Cat#AGI2082, 1:2,000) and HRP-conjugated goat anti-mouse secondary antibody respectively.