

#### **KD-Validated Anti-NDUFB10 Mouse Monoclonal Antibody**

Mouse monoclonal antibody Catalog # AGI2083

#### **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

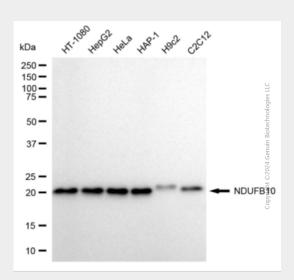


## **KD-Validated Anti-NDUFB10 Mouse Monoclonal Antibody - Protocols**

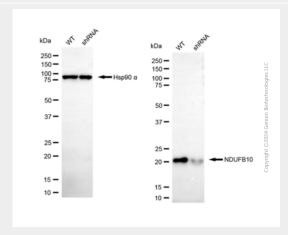
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- <u>Immunoprecipitation</u>
- Flow Cytomety
- Cell Culture

## **KD-Validated Anti-NDUFB10 Mouse Monoclonal Antibody - Images**



Western blotting analysis using anti-NDUFB10 antibody (Cat#AGI2083). 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#AGI2083, 1:2,000) and HRP-conjugated goat anti-mouse secondary antibody respectively.



Western blotting analysis using anti-NDUFB10 antibody (Cat#AGI2083). NDUFB10 expression in wild type (WT) and NDUFB10 shRNA knockdown (KD) HeLa cells with 20  $\mu$ g of total cell lysates. Hsp90  $\alpha$  serves as a loading control. The blot was incubated with anti-NDUFB10 antibody (Cat#AGI2083, 1:2,000) and HRP-conjugated goat anti-mouse secondary antibody respectively.