



# NDUFA9 Monoclonal Antibody

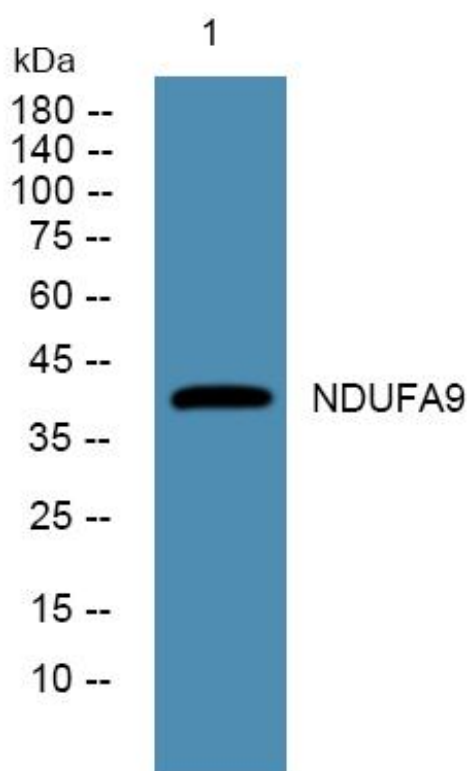
<b>Catalog No</b>	YP-mAb-02701
<b>Isotype</b>	IgG
<b>Reactivity</b>	Human;Mouse;Rat
<b>Applications</b>	WB
<b>Gene Name</b>	NDUFA9
<b>Protein Name</b>	NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 9 mitochondrial
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human NDUFA9. AA range:87-136
<b>Specificity</b>	NDUFA9 Monoclonal Antibody detects endogenous levels of NDUFA9 protein.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Source</b>	Monoclonal, Mouse,IgG
<b>Purification</b>	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Dilution</b>	WB 1:500-1:2000
<b>Concentration</b>	1 mg/ml
<b>Purity</b>	≥90%
<b>Storage Stability</b>	-20°C/1 year
<b>Synonyms</b>	NDUFA9; NDUFS2L; NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 9; mitochondrial; Complex I-39kD; CI-39kD; NADH-ubiquinone oxidoreductase 39 kDa subunit
<b>Observed Band</b>	40kD
<b>Cell Pathway</b>	Mitochondrion matrix .
<b>Tissue Specificity</b>	Blood,Colon,Liver,Muscle,Placenta,Skeletal muscle,
<b>Function</b>	cofactor: Binds 1 FAD per subunit.,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.,similarity: Belongs to the complex I NDUFA9 subunit family.,subunit: Complex I is composed of 45 different subunits. This a component of the hydrophobic protein fraction.,
<b>Background</b>	The encoded protein is a subunit of the hydrophobic protein fraction of the NADH:ubiquinone oxidoreductase (complex I), the first enzyme complex in the electron transport chain located in the inner mitochondrial membrane. A pseudogene has been identified on chromosome 12. [provided by RefSeq, May 2010],

**matters needing attention**

Avoid repeated freezing and thawing!

**Usage suggestions**

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

**Products Images**

Western Blot analysis of various cells using NDUFA9 Monoclonal Antibody