



# Anti-NDUFA9 monoclonal antibody, clone 31D22C22C22 (DCABH-3926)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Product Overview</b>	Mouse monoclonal to NDUFA9
<b>Antigen Description</b>	Accessory subunit of the mitochondrial membrane respiratory chain NADH dehydrogenase (Complex I), that is believed not to be 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.
<b>Immunogen</b>	Purified mitochondrial complex I (Cow).
<b>Isotype</b>	IgG1
<b>Source/Host</b>	Mouse
<b>Species Reactivity</b>	Mouse, Rat, Cow, Human
<b>Clone</b>	31D22C22C22
<b>Purification</b>	Near homogeneity as judged by SDS-PAGE. The antibody was produced in vitro using hybridomas grown in serum-free medium, and then purified by biochemical fractionation.
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	IHC-P, WB, Flow Cyt
<b>Positive Control</b>	Human heart mitochondria.
<b>Format</b>	Liquid
<b>Size</b>	100 µg
<b>Buffer</b>	Preservative: 0.02% Sodium Azide; Constituents: HEPES

Storage

Store at +4°C.

## GENE INFORMATION

Gene Name	<a href="#">NDUFA9 NADH dehydrogenase (ubiquinone) 1 alpha subcomplex, 9, 39kDa [ Bos taurus ]</a>
Official Symbol	NDUFA9
Synonyms	NDUFA9; NADH dehydrogenase (ubiquinone) 1 alpha subcomplex, 9, 39kDa; NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 9, mitochondrial; CI-39kD; complex I-39kD; NADH-ubiquinone oxidoreductase 39 kDa subunit; NADH dehydrogenase (ubiquinone) 42 k
Entrez Gene ID	<a href="#">404188</a>
Protein Refseq	<a href="#">NP_991386</a>
UniProt ID	<a href="#">P34943</a>
Pathway	Alzheimers disease, organism-specific biosystem; Alzheimers disease, conserved biosystem; Electron Transport Chain, organism-specific biosystem; Huntingtons disease, organism-specific biosystem; Huntingtons disease, conserved biosystem; Metabolic pathways, organism-specific biosystem; Metabolism, organism-specific biosystem;
Function	NADH dehydrogenase activity; nucleotide binding;