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Mouse Anti-Porcine NADH Dehydrogenase Flavoprotein 2 (NDUFV2) Monoclonal Antibody

Cat. No.: VD10N91

Product Type: Animal-targeted Antibodies

Size: 100ug

Product Overview

BioVenic mouse monoclonal antibody is specific for NADH dehydrogenase flavoprotein 2. It is affinity purified by protein G. It can be applied to WB, IHC and Indirect ELISA assays of NADH dehydrogenase flavoprotein 2.

Specifications

Application	WB; IHC; Indirect ELISA
Clonality	Monoclonal
Classification	Primary Antibody
Clone	O11N91
Host	Mouse
Target Species	Porcine
Species Reactivity	Porcine
Specificity	NADH Dehydrogenase Flavoprotein 2
Isotype	IgG1
Immunogen	Recombinant protein of NADH dehydrogenase flavoprotein 2
Purification	Protein G Purified
Concentration	1 mg/ml
Conjugation	Unconjugated
Buffer	Phosphate Buffered Saline
Physical State	Liquid

Target Information

Porcine NADH dehydrogenase flavoprotein 2 (NDUFV2) is a key component of the mitochondrial respiratory chain, specifically with in Complex I. This nuclear-encoded subunit contains an iron-sulfur cluster and is essential for the transfer of electrons from NADH t o ubiquinone, a process critical for cellular energy metabolism. Mutations in the NDUFV2 gene have been linked to a range of neur odegenerative diseases, including Parkinson's disease, Alzheimer's disease, bipolar disorder, and schizophrenia.

Target	NADH Dehydrogenase Flavoprotein 2
Target Synonym	NDUFV2
Gene ID	100037991
UniProt ID	F1SM98

Shipping and Storage

This product is shipped with ice gel packs. Store at -80°C on receipt.

Reference

Liu, Hsin-Yu, *et al*. "Mitochondrial targeting of human NADH dehydrogenase (ubiquinone) flavoprotein 2 (NDUFV2) and its associat ion with early-onset hypertrophic cardiomyopathy and encephalopathy." *Journal of biomedical science* 18 (2011): 1-17.