Mouse NDUFA9 Monoclonal Antibody | anti-NDUFA9 antibody

NDUFA9 (NADH Dehydrogenase [Ubiquinone] 1 alpha Subcomplex Subunit 9, Mitochondrial, NADH-Ubiquinone Oxidoreductase 39kD Subunit, Complex I-39kD, CI-39kD, NDUFS2L, MGC111043) (Biotin)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA24875	**Mouse**	**Human, Mouse, Rat**	**ELISA, Immunofluorescence, Immunohistochemistry, Western Blot**

PRODUCT SYNONYMS

NDUFA9; Monoclonal Antibody; NDUFA9 (NADH Dehydrogenase [Ubiquinone] 1 alpha Subcomplex Subunit 9; Mitochondrial; NADH-Ubiquinone Oxidoreductase 39kD Subunit; Complex I-39kD; CI-39kD; NDUFS2L; MGC111043) (Biotin); anti-NDUFA9 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human, Mouse, Rat
Clonality	Monoclonal
Isotype	IgG2a,k
Clone Number	3D7
Specificity	Recognizes human NDUFA9. Species Crossreactivity: mouse and rat.
Purity/Purification	Purified by Protein A Affinity Chromatography.
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with Biotin.
Applicable Applications for anti-NDUFA9 antibody	ELISA, IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Application Notes	IF: 10ug/ml Applications are based on unconjugated antibody.
Immunogen	Partial recombinant corresponding to aa303-377 from human NDUFA9 (NP_004993) with GST tag. MW of the GST tag alone is 26kD.
Immunogen Sequence	RVFEISPFEPWITRDKVERMHITDMKLPHLPGLEDLGIQATPLELKAIEVLRRHRTYRWLSAEIEDVKPAKTVNI
Conjugate	Biotin
Preparation and Storage	Store product at 4 degree C if to be used immediately within two weeks. For long-term storage, aliquot to avoid repeated freezing and thawing and store at -20 degree C. Aliquots are stable at -20 degree C for 12 months after receipt. Dilute required amount only prior to immediate use. Further dilutions can be made in assay buffer. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap.

IMAGES

Application Data
Detection limit for recombinant GST tagged NDUFA9 is ~0.1ng/ml as a capture antibody.

IF (Immunofluorescence)
Immunofluorescence of monoclonal antibody to NDUFA9 on NIH/3T3 cell. [antibody concentration 10ug/ml]

IHC (Immunohistochemistry)
Immunoperoxidase of monoclonal antibody to NDUFA9 on formalin-fixed paraffin-embedded human small Intestine. [antibody concentration 0.8ug/ml]

WB (Western Blot)
NDUFA9 monoclonal antibody Western Blot analysis of NDUFA9 expression in NIH/3T3.

WB (Western Blot)
NDUFA9 monoclonal antibody. Western Blot analysis of NDUFA9 expression in Raw 264.7.

WB (Western Blot)
NDUFA9 monoclonal antibody Western Blot analysis of NDUFA9 expression in PC-12.

ADDITIONAL INFORMATION

Product Categories/Family for anti-NDUFA9 antibody	Antibodies; Enzymes; Dehydrogenase

NCBI AND UNIPROT INFORMATION

NCBI GI #	6681764
NCBI GeneID	4704
NCBI Accession #	NP_004993
NCBI GenBank Nucleotide #	NM_005002
UniProt Accession #	Q16795
Molecular Weight	42kDa
NCBI Official Full Name	NADH dehydrogenase
NCBI Official Synonym Full Names	NADH:ubiquinone oxidoreductase subunit A9
NCBI Official Symbol	NDUFA9
NCBI Official Synonym Symbols	CC6; CI39k; CI-39k; MC1DN26; NDUFS2L; SDR22E1
NCBI Protein Information	NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 9, mitochondrial
UniProt Protein Name	NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 9, mitochondrial
UniProt Gene Name	**NDUFA9**
UniProt Synonym Gene Names	NDUFS2L; CI-39kD
UniProt Entry Name	NDUA9_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: https://stage.aaabiotech.com/monoclonal/ndufa9-antibody-clone-3d7-immunofluorescence-immunohistochemistry-western-blot-elisa/24875