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Datasheet

NDUFV1 monoclonal antibody (M01), clone 4A7

Catalog Number: H00004723-M01

Regulation Status: For research use only (RUO)

Product Description: Mouse monoclonal antibody raised against a partial recombinant NDUFV1.

Clone Name: 4A7

Immunogen: NDUFV1 (NP_002466, 365 a.a. ~ 464 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Sequence:
KAIARLIEFYKHESCGQCTPCREGVDWMNKVMARFVR
GDARPAEIDSLWEISKQIEGHTICALGDGAAWPVQGLI
RHFRPELEERMQRFAQQHQARQAAS

Host: Mouse

Reactivity: Human,Rat

Applications: ELISA, RNAi-Ab, S-ELISA, WB-Ce, WB-Re, WB-Tr
(See our web site product page for detailed applications information)

Protocols: See our web site at http://www.abnova.com/support/protocols.asp or product page for detailed protocols

Isotype: IgG2b Kappa

Storage Buffer: In 1x PBS, pH 7.4

Storage Instruction: Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 4723

Gene Symbol: NDUFV1

Gene Alias: CI-51kD, UQOR1

Gene Summary: The NDUFV1 gene encodes the 51-kD subunit of complex I (NADH:ubiquinone oxidoreductase) of the mitochondrial respiratory chain.[supplied by OMIM]

References:

1. Human Ind1, an iron-sulfur cluster assembly factor for respiratory complex I. Sheftel AD, Stehling O, Pierik AJ, Netz DJ, Kerscher S, Elsasser HP, Wittig I, Balk J, Brandt U, Lill R. Mol Cell Biol. 2009 Sep 14. [Epub ahead of print]