



# NDUAB Monoclonal Antibody

Catalog No	BYmab-05791
Isotype	IgG
Reactivity	Human;Rat;Mouse
Applications	WB
Gene Name	NDUFA11
Protein Name	NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 11 (Complex I-B14.7) (CI-B14.7) (NADH-ubiquinone oxidoreductase subunit B14.7)
Immunogen	Synthesized peptide derived from human protein . at AA range: 30-110
Specificity	NDUAB Monoclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	
Observed Band	15kD
Cell Pathway	Mitochondrion inner membrane ; Multi-pass membrane protein ; Matrix side .
Tissue Specificity	Heart,Platelet,Uterus,
Function	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.,sequence caution:Erroneous CDS prediction.,similarity:Belongs to the complex I NDUFA11 subunit family.,subunit:Complex I is composed of 45 different subunits.,
Background	This gene encodes a subunit of the membrane-bound mitochondrial complex I. Complex I is composed of numerous subunits and functions as the NADH-ubiquinol reductase of the mitochondrial electron transport chain. Mutations in this gene are associated with severe mitochondrial complex I

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deficiency. Alternate splicing results in multiple transcript variants.[provided by RefSeq, Oct 2010],

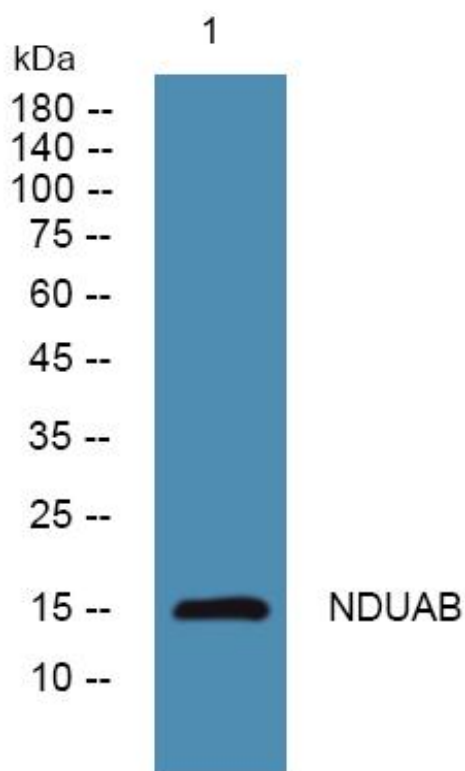
**matters needing attention**

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 NDUAB Monoclonal Antibody