

## **NDUFB3 Antibody (monoclonal) (M01)**

Mouse monoclonal antibody raised against a partial recombinant NDUFB3.

Catalog # AT3003a

### **Specification**

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#### **NDUFB3 Antibody (monoclonal) (M01) - Product Information**

Application	WB, E
Primary Accession	<a href="#">O43676</a>
Other Accession	<a href="#">NM_002491</a>
Reactivity	Human
Host	mouse
Clonality	Monoclonal
Isotype	IgG2a Kappa
Calculated MW	11402

#### **NDUFB3 Antibody (monoclonal) (M01) - Additional Information**

**Gene ID** 4709

##### **Other Names**

NADH dehydrogenase [ubiquinone] 1 beta subcomplex subunit 3, Complex I-B12, CI-B12, NADH-ubiquinone oxidoreductase B12 subunit, NDUFB3

##### **Target/Specificity**

NDUFB3 (NP\_002482, 13 a.a. ~ 65 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

##### **Dilution**

WB~~1:500~1000

##### **Format**

Clear, colorless solution in phosphate buffered saline, pH 7.2 .

##### **Storage**

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

##### **Precautions**

NDUFB3 Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

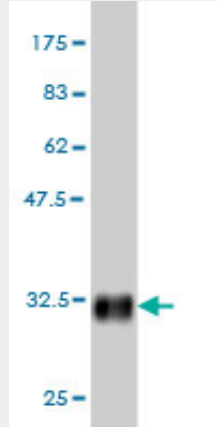
#### **NDUFB3 Antibody (monoclonal) (M01) - Protocols**

Provided below are standard protocols that you may find useful for product applications.

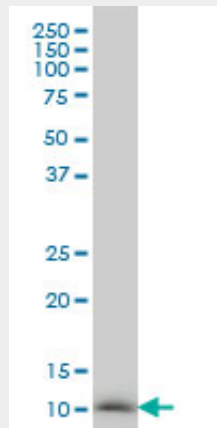
- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)

- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

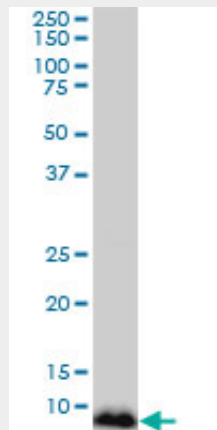
### NDUFB3 Antibody (monoclonal) (M01) - Images



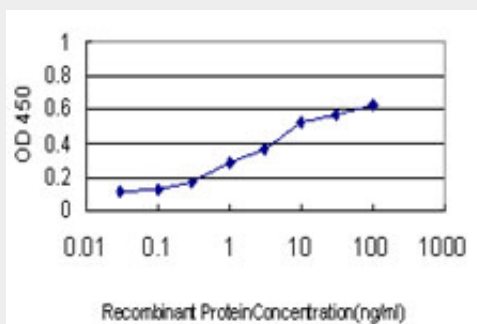
Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (31.57 KDa) .



NDUFB3 monoclonal antibody (M01), clone 6C6 Western Blot analysis of NDUFB3 expression in HeLa ( (Cat # AT3003a )



NDUFB3 monoclonal antibody (M01), clone 6C6. Western Blot analysis of NDUFB3 expression in A-431 ( (Cat # AT3003a )



Detection limit for recombinant GST tagged NDUFB3 is approximately 0.1ng/ml as a capture antibody.

### **NDUFB3 Antibody (monoclonal) (M01) - Background**

The multisubunit NADH:ubiquinone oxidoreductase (complex I) is the first enzyme complex in the electron transport chain of mitochondria. See NDUFA2 (MIM 602137).

### **NDUFB3 Antibody (monoclonal) (M01) - References**

Association between genetic variants in VEGF, ERCC3 and occupational benzene haematotoxicity. Hosgood HD 3rd, et al. *Occup Environ Med*, 2009 Dec. PMID 19773279. Transcriptome analysis of human gastric cancer. Oh JH, et al. *Mamm Genome*, 2005 Dec. PMID 16341674. A human protein-protein interaction network: a resource for annotating the proteome. Stelzl U, et al. *Cell*, 2005 Sep 23. PMID 16169070. The status, quality, and expansion of the NIH full-length cDNA project: the Mammalian Gene Collection (MGC). Gerhard DS, et al. *Genome Res*, 2004 Oct. PMID 15489334. The subunit composition of the human NADH dehydrogenase obtained by rapid one-step immunopurification. Murray J, et al. *J Biol Chem*, 2003 Apr 18. PMID 12611891.