

NDUFB3 Antibody (monoclonal) (M01)**Mouse monoclonal antibody raised against a partial recombinant NDUFB3.****Catalog # AT3003a****Specification**

NDUFB3 Antibody (monoclonal) (M01) - Product Information

Application	WB, E
Primary Accession	O43676
Other Accession	NM_002491
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

E~~N/A

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.

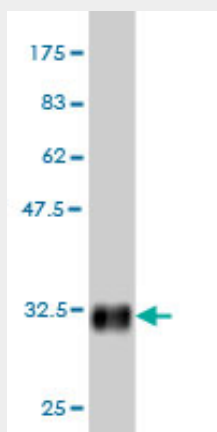
NDUFB3 Antibody (monoclonal) (M01) - Protocols

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

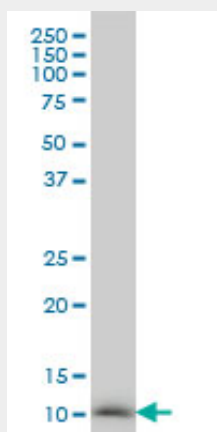
- [Western Blot](#)
- [Blocking Peptides](#)

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

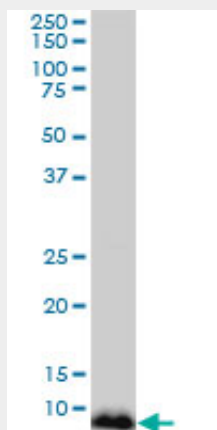
NDUFB3 Antibody (monoclonal) (M01) - Images



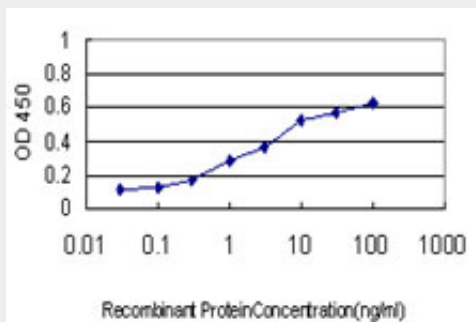
Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (31.57 kDa) .



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.