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NDE1 Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a full length recombinant NDE1.
Catalog # AT2987a

Specification

NDE1 Antibody (monoclonal) (M01) - Product Information

Application	**IF, WB, E**
Primary Accession	Q9NXR1
Other Accession	BC001421
Reactivity	**Human**
Host	**mouse**
Clonality	**Monoclonal**
Isotype	**IgG1 Kappa**
Calculated MW	**37721**

NDE1 Antibody (monoclonal) (M01) - Additional Information

Gene ID 54820

Other Names
Nuclear distribution protein nudE homolog 1, NudE, NDE1, NUDE

Target/Specificity
NDE1 (AAH01421, 1 a.a. ~ 335 a.a) full-length 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
NDE1 Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

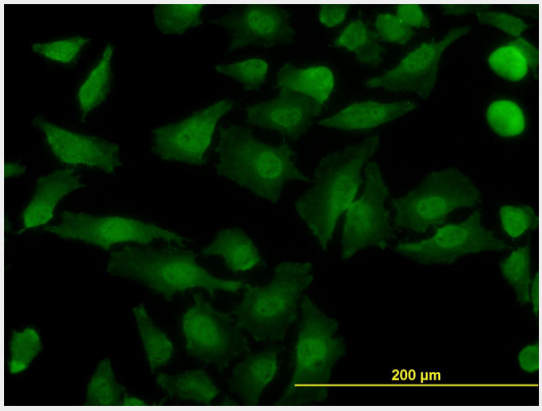
NDE1 Antibody (monoclonal) (M01) - Protocols

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

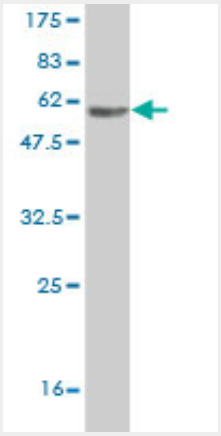
- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry

- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

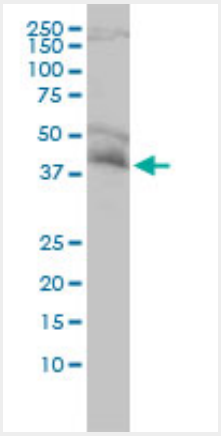
NDE1 Antibody (monoclonal) (M01) - Images



Immunofluorescence of monoclonal antibody to NDE1 on HeLa cell. [antibody concentration 10 ug/ml]

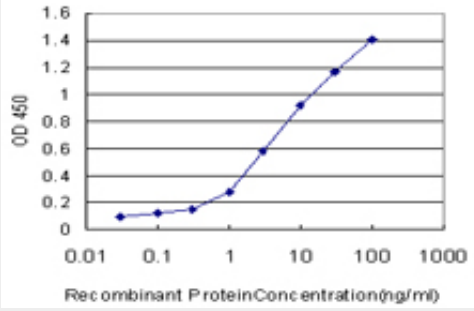


Antibody Reactive Against Recombinant Protein.Western Blot detection against Immunogen (62.59 KDa) .



NDE1 monoclonal antibody (M01), clone 2G11-1C11 Western Blot analysis of NDE1 expression in Hela ((Cat # AT2987a)

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Detection limit for recombinant GST tagged NDE1 is approximately 0.03ng/ml as a capture antibody.

NDE1 Antibody (monoclonal) (M01) - Background

This gene encodes a member of the nuclear distribution E (NudE) family of proteins. The encoded protein is localized at the centrosome and interacts with other centrosome components as part of a multiprotein complex that regulates dynein function. This protein plays an essential role in microtubule organization, mitosis and neuronal migration. Alternative splicing results in multiple transcript variants.

NDE1 Antibody (monoclonal) (M01) - References

1.NDE1, NDEL1: Multimerisation, alternate splicing and DISC1 interaction.Bradshaw NJ, Christie S, Soares DC, Carlyle BC, Porteous DJ, Millar JK.Neurosci Lett. 2009 Jan 16;449(3):228-33. Epub 2008 Nov 6.