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NDN Antibody (monoclonal) (M02)

Mouse monoclonal antibody raised against a partial recombinant NDN.
Catalog # AT2988a

Product Information

Application	WB, IHC, IF, E
Primary Accession	Q99608
Other Accession	NM_002487
Reactivity	Human
Host	mouse
Clonality	monoclonal
Isotype	IgG2a Kappa
Clone Names	1B3
Calculated MW	36086

Additional Information

Gene ID	4692
Other Names	Necdin, NDN
Target/Specificity	NDN (NP_002478, 222 a.a. ~ 321 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Dilution	WB~~1:500~1000 IHC~~1:100~500 IF~~1:50~200 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	NDN Antibody (monoclonal) (M02) is for research use only and not for use in diagnostic or therapeutic procedures.

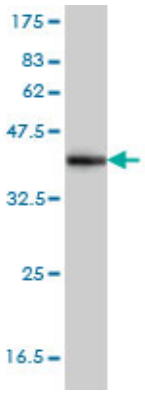
Background

This intronless gene is located in the Prader-Willi syndrome deletion region. It is an imprinted gene and is expressed exclusively from the paternal allele. Studies in mouse suggest that the protein encoded by this gene may suppress growth in postmitotic neurons.

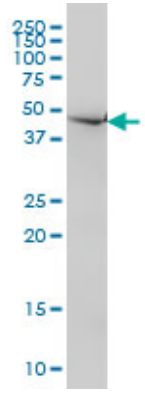
References

1.Necdin Enhances Myoblasts Survival by Facilitating the Degradation of the Mediator of Apoptosis CCAR1/CARP1.Francois S, D'Orlando C, Fatone T, Touvier T, Pessina P, Meneveri R, Brunelli S.PLoS One. 2012;7(8):e43335. Epub 2012 Aug 14.

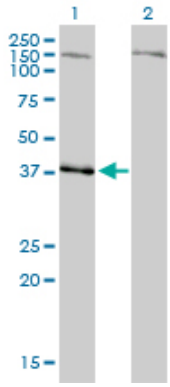
Images



Antibody Reactive Against Recombinant Protein.Western Blot detection against Immunogen (37.11 KDa) .

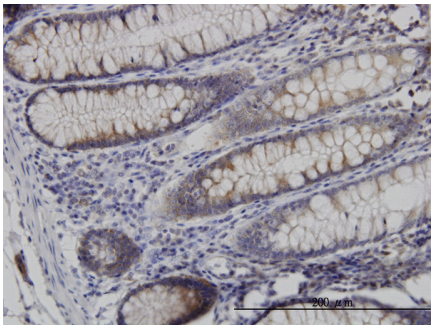


NDN monoclonal antibody (M02), clone 1B3 Western Blot analysis of NDN expression in HL-60 ((Cat # AT2988a)



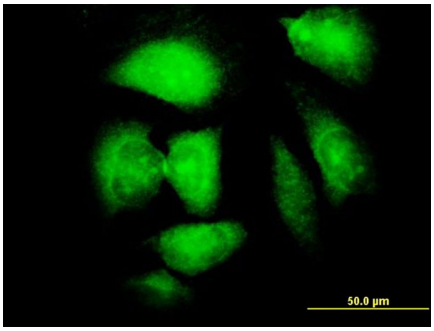
Western Blot analysis of NDN expression in transfected 293T cell line by NDN monoclonal antibody (M02), clone 1B3.

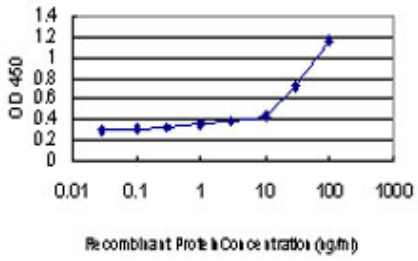
Lane 1: NDN transfected lysate(36.1 KDa).
Lane 2: Non-transfected lysate.



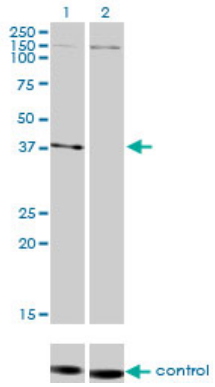
Immunoperoxidase of monoclonal antibody to NDN on formalin-fixed paraffin-embedded human colon. [antibody concentration 1.5 ug/ml]

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





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



Western blot analysis of NDN over-expressed 293 cell line, cotransfected with NDN Validated Chimera RNAi ((Cat # AT2988a)

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.