

## Datasheet

### NDN monoclonal antibody (M02), clone 1B3

**Catalog Number:** H00004692-M02

**Regulatory Status:** For research use only (RUO)

**Product Description:** Mouse monoclonal antibody raised against a partial recombinant NDN.

**Clone Name:** 1B3

**Immunogen:** NDN (NP\_002478, 222 a.a. ~ 321 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

**Sequence:**

WKKHSTFGDVRKLITEEFVQMNYLKYQRPYVEPPEY  
EFFWGSRASREITKMQIMEFLARVFKKDPQAWPSRYR  
EALLEARALREANPTAHYPRSSVSED

**Host:** Mouse

**Reactivity:** Human

**Applications:** ELISA, IF, IHC-P, RNAi-Ab, S-ELISA, WB-Ce, WB-Re, WB-Tr  
(See our web site product page for detailed applications information)

**Protocols:** See our web site at <http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

**Isotype:** IgG2a Kappa

**Storage Buffer:** In 1x PBS, pH 7.4

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

**Entrez GeneID:** 4692

**Gene Symbol:** NDN

**Gene Alias:** HsT16328, PWCR

**Gene Summary:** 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. [provided by RefSeq]

**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.