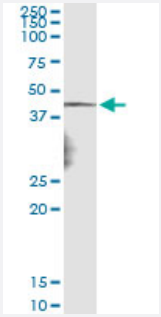
NDN monoclonal antibody (M05), clone 3B9

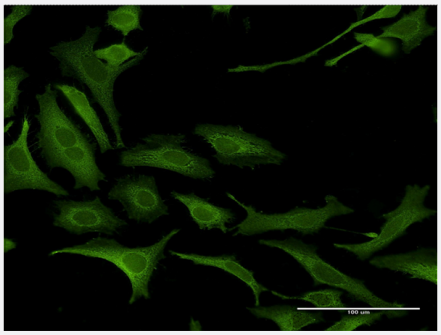
Catalog # H00004692-M05 Size 100 ug

Applications



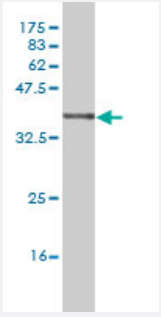
Immunoprecipitation

Immunoprecipitation of NDN transfected lysate using anti-NDN monoclonal antibody and Protein A Magnetic Bead, and immunoblotted with NDN MaxPab rabbit polyclonal antibody.



Immunofluorescence

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



Western Blot detection against Immunogen (37.11 KDa) .

Specification

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

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	WKKHSTFGDVRKLITEEFVQMNYLKYQRVPYVEPPEYEFFWGSRASREITKMQIMEFLARVFKKD PQAWPSRYREALEEARALREANPTAHYPRSSVSED
Host	Mouse
Reactivity	Human
Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (37.11 KDa) .
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Recombinant protein)

  Protocol Download

- Immunoprecipitation

  Immunoprecipitation of NDN transfected lysate using anti-NDN monoclonal antibody and Protein A Magnetic Bead, and immunoblotted with NDN MaxPab rabbit polyclonal antibody.

  Protocol Download

- ELISA

- Immunofluorescence

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

Gene Info — NDN

Entrez GeneID	4692
GeneBank Accession#	NM_002487
Protein Accession#	NP_002478

Gene Name	NDN
Gene Alias	HsT16328, PWCR
Gene Description	necdin homolog (mouse)
Omim ID	176270 602117
Gene Ontology	Hyperlink
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
Other Designations	OTTHUMP00000159437|necdin

Disease

- Attention Deficit Disorder with Hyperactivity
- Autistic Disorder
- Body Weight
- NARP
- Obesity
- Prader-Willi syndrome
- Sleep Apnea