

Mouse anti-Human NDN Monoclonal Antibody | anti-NDN antibody

NDN (Necdin) APC

CATALOG # AAA24579	HOST Mouse	REACTIVITY Human	APPLICATIONS ELISA, Immunofluorescence, Immunohistochemistry, Western Blot
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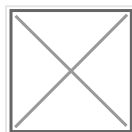
PRODUCT SYNONYMS

NDN; Monoclonal Antibody; NDN (Necdin) APC; anti-NDN antibody

PRODUCT SPECIFICATIONS

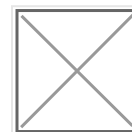
Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG2a,k
Clone Number	1B3
Specificity	Recognizes human NDN.
Purity/Purification	Purified by Protein A Affinity Chromatography.
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with Allophycocyanin (APC).
Applicable Applications for anti-NDN antibody	ELISA, IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Application Notes	IF: 10ug/ml Applications are based on unconjugated antibody.
Immunogen	Partial recombinant corresponding to aa222-322 from human NDN (NP_002478) with GST tag. MW of the GST tag alone is 26kD.
Immunogen Sequence	WKKHSTFGDVRKLITEEFVQMNYLKYQRPVYVEPPEYEFFWGSRASREITKMQIMEFLARVFKKDPQAWPSRYREALLEEARALREANPTAHYPRSSVSE
Conjugate	APC
Preparation and Storage	Store product at 4 degree C in the dark. DO NOT FREEZE! Stable at 4 degree C for 12 months after receipt as an undiluted liquid. Dilute required amount only prior to immediate use. Further dilutions can be made in assay buffer. Caution: APC conjugates are sensitive to light. For maximum recovery of product, centrifuge the original vial prior to removing the cap.

IMAGES



WB (Western Blot)

Western blot analysis of NDN over-expressed 293 cell line, cotransfected with NDN Validated Chimera RNAi (Lane 2) or non-transfected control (Lane 1). Blot probed with NDN monoclonal antibody. GAPDH (36.1kD) used as specificity and loading control.



Application Data

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

**IF (Immunofluorescence)**

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

**IHC (Immunohistochemistry)**

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

**WB (Western Blot)**

Western Blot analysis of NDN expression in transfected 293T cell line by NDN monoclonal antibody. Lane 1: NDN transfected lysate (36.1kD). Lane 2: Non-transfected lysate.

**WB (Western Blot)**

NDN monoclonal antibody Western Blot analysis of NDN expression in HL-60.

ADDITIONAL INFORMATION

Product Categories/Family for anti-NDN antibody

[Antibodies](#); [Neuroscience](#)

NCBI AND UNIPROT INFORMATION

NCBI GI #	4505349
NCBI GeneID	4692
NCBI Accession #	NP_002478
NCBI GenBank Nucleotide #	NM_002487
UniProt Accession #	Q99608
Molecular Weight	36kDa
NCBI Official Full Name	necdin
NCBI Official Synonym Full Names	necdin, MAGE family member
NCBI Official Symbol	NDN
NCBI Official Synonym Symbols	PWCR; HsT16328
NCBI Protein Information	necdin
UniProt Protein Name	Necdin
UniProt Gene Name	NDN
UniProt Entry Name	NECD_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/monoclonal/ndn-antibody-clone-1b3-immunofluorescence-immunohistochemistry-western-blot-elisa/24579>