



Mouse Monoclonal Antibody to

N-Cadherin

clone 7E9

biotinylated



03/220207F

Order No.: 0235-100BIOTIN/NCAD-7E9
Size (µg) 100
Lot No.: 0235S

Isotype:	Species Reactivity	Applications	Mol. Weight	Ref.Cell Line	Epitope:	Immunogen:
IgG1	human, mouse	WB	127 kDa	SH-SY5Y	cytoplasmic domain	peptide conjugated to hemocyanin

Background and Specificity:

Cadherins are a family of transmembrane glycoproteins that play a key role in calcium-dependent cell-cell adhesion. Several members of the cadherin family have been identified so far, including E- (epithelial), P- (placental), N- (neuronal), and M- (muscle) cadherin.

Mab NCAD-7E9 specifically recognizes N-cadherin at 127 kDa.

Purification: The antibody was purified from serum-free cell culture supernatant by subsequent ultrafiltration and size exclusion chromatography.

Formulation: liquid; 0.5 mg/ml in PBS/0.09% Na-Azide/PEG and Sucrose.

Reconstitution:

Stability: Aliquote and freeze in liquid nitrogen; antibody can be stored frozen at -80°C up to 1 year. Thaw aliquots at 37°C. Thawed aliquots may be stored at 4°C up to 3 months.

Avoid repeated freeze / thaw cycles.

Positive Control: #1001: Cell lysate from untreated SH-SY5Y cells

Immunoblotting: 0.5 µg/ml for HRPO/ECL detection
Recommended blocking buffer: Casein/Tween 20 based blocking and blot incubation buffer, e.g. nanoTools product #3031-500/CPPT or #3031-3000/CPPT.

Immunoprecipitation ND
Immunocytochemistry ND
ELISA: ND

Related Products

- mab to human M-cadherin**
#0124-100/MCAD-21G4
- mab to mouse M-cadherin**
#0106-100/MCAD-12G4
- mab to E-cadherin**
#0234-100/ECAD-22F8
- mab to Vimentin**
#0236-100/Vim-11H6

For monoclonal antibodies against beta-catenin, TFF3, and LEF, please refer to our website at www.nanotools.de

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