**Product Datasheet**

# N Cadherin Rabbit mAb

Catalog No: #48779

Package Size: #48779-1 50ul #48779-2 100ul

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

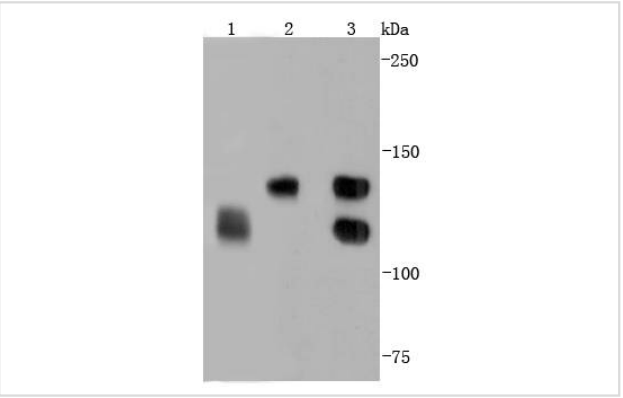
## Description

| | |
|---|---|
| Product Name | N Cadherin Rabbit mAb |
| Host Species | Recombinant Rabbit |
| Clonality | Monoclonal antibody |
| Isotype | Rabbit IgG |
| Purification | Affinity-chromatography |
| Applications | WB;IHC |
| Species Reactivity | Human;Mouse;Rat |
| Immunogen Description | A synthesized peptide derived from human N Cadherin |
| Conjugates | Unconjugated |
| Target Name | CDH2 |
| Other Names | CADH2; CDHN; Cadherin-2; N-cad; N-cadherin; NCAD; Neural-cadherin precursor; cadherin; neural; |
| Accession No. | P19022 |
| Calculated MW | 100 kDa |
| SDS-PAGE MW | 140 kDa |
| Formulation | Rabbit IgG in 10mM phosphate buffered saline , pH 7.4, 150mM sodium chloride, 0.05% BSA, 0.02% sodium azide and 50% glycerol. |
| Storage | Store at +4°C for short term. Store at -20°C for long term. Avoid freeze/thaw cycle. |

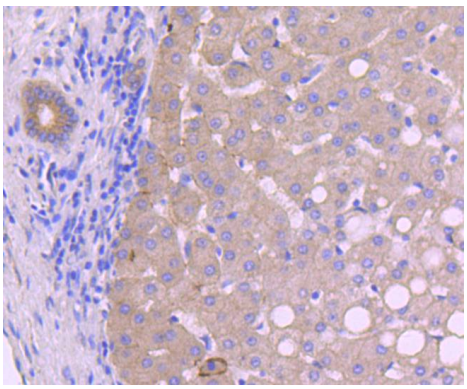
## Application Details

WB 1:1000-1:2000 IHC 1:100-1:200

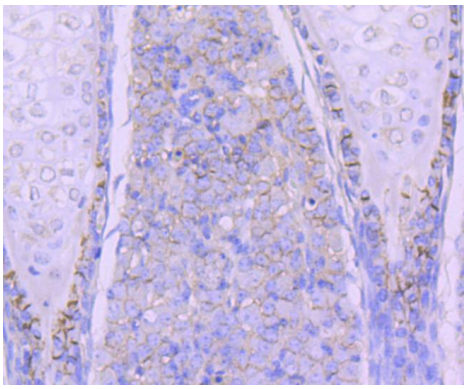
## Images



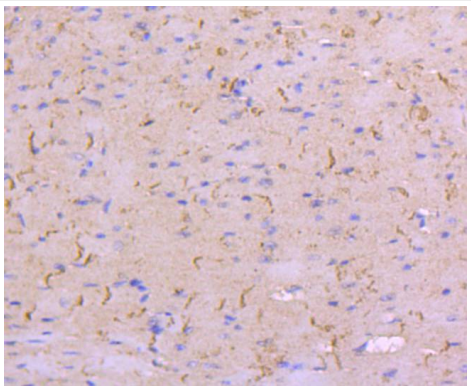

Western blot analysis of N Cadherin on different lysates using anti-N Cadherin antibody at 1/1,000 dilution. Positive control:
Lane 1: Hela Lane 2: NIH/3T3 Lane 3: Mouse brain



Immunohistochemical analysis of paraffin-embedded human liver cancer tissue using anti-N Cadherin antibody. Counter stained with hematoxylin.



Immunohistochemical analysis of paraffin-embedded mouse embryo tissue using anti-N Cadherin antibody. Counter stained with hematoxylin.



Immunohistochemical analysis of paraffin-embedded mouse heart tissue using anti-N Cadherin antibody. Counter stained with hematoxylin.

## References

1. You A et al. Metformin sensitizes sorafenib to inhibit postoperative recurrence and metastasis of hepatocellular carcinoma in orthotopic mouse models. J Hematol Oncol 9:20 (2016). 2. Fischer KD et al. Vitamin D Supplementation Reduces Induction of Epithelial-Mesenchymal Transition in Allergen Sensitized and Challenged Mice. PLoS One 11:e0149180 (2016).

## Published Papers

el at., PD-L1 Expression Is Regulated By NF-κB DurIng EMT SignalIng In Gastric CarcInoma. In Onco Targets Ther on 2019 Nov 25 by Xu D, Li J, et al..PMID:31819504, , (2019)

PMID:31819504

Luo Hongyu, Yang Shuxian, Deng Peng, Peng Yongbo, Chen Zhiwei, Yang Congwen, Wang Meng, Qin Renjie, Yuan Lin, Chen Xin, Wang Dandan, Huang Xuekuan, Wang Jianwei el at., Network pharmacology combined with transcriptomics reveals that formononetin, a biologically component of Astragalus membranaceus (Fisch.) Bunge, inhibits theB β ¦, Journal of ethnopharmacology, (2025)

PMID:39510423

Note: This product is for in vitro research use only and is not intended for use in humans or animals.