

## N Cadherin Rabbit mAb

Catalog No: #48779

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

Orders: [order@signalwayantibody.com](mailto:order@signalwayantibody.com)Support: [tech@signalwayantibody.com](mailto:tech@signalwayantibody.com)

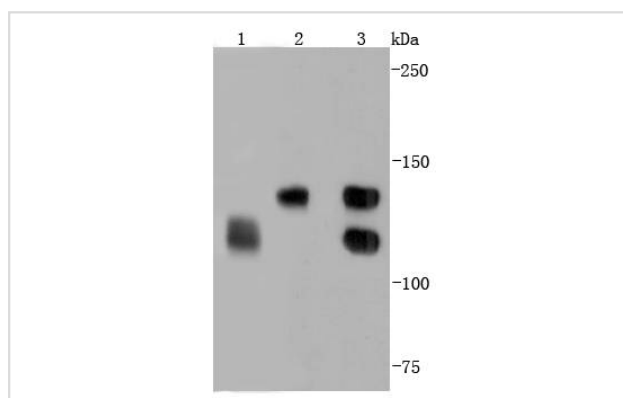
## Description

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.

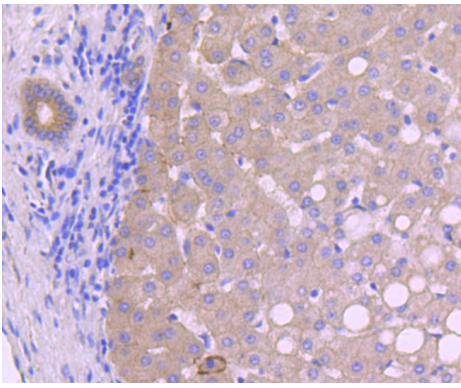
## Application Details

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

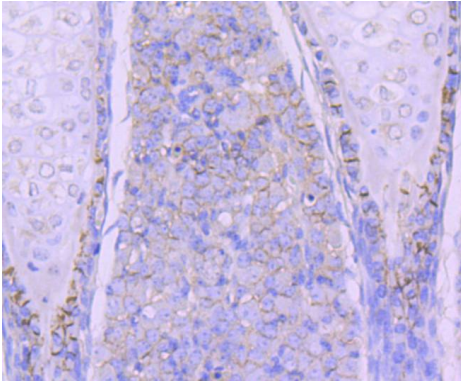
## Images



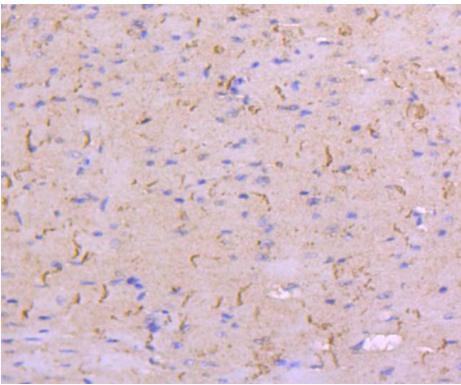
Western blot analysis of N Cadherin on different lysates using anti-N Cadherin antibody at 1/1,000 dilution. Positive control:  
Lane 1: Hela      Lane 2: NIH/3T3      Lane 3: Mouse brain



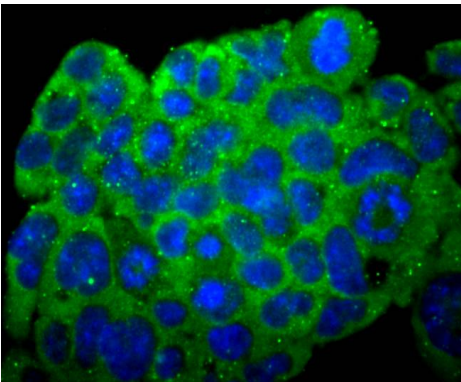
Immunohistochemical analysis of paraffin-embedded human liver cancer tissue using anti-N Cadherin antibody. Counter stained with hematoxylin.



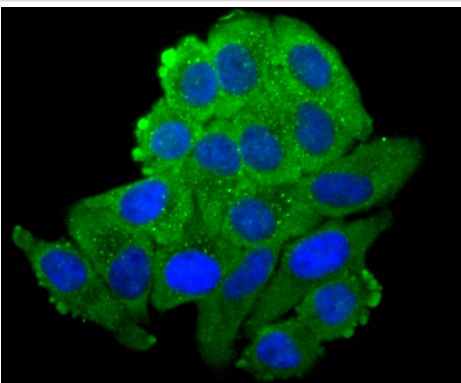
Immunohistochemical analysis of paraffin-embedded mouse embryo tissue using anti-N Cadherin antibody. Counter stained with hematoxylin.



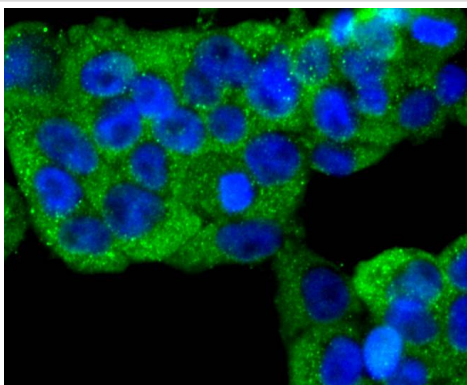
Immunohistochemical analysis of paraffin-embedded mouse heart tissue using anti-N Cadherin antibody. Counter stained with hematoxylin.



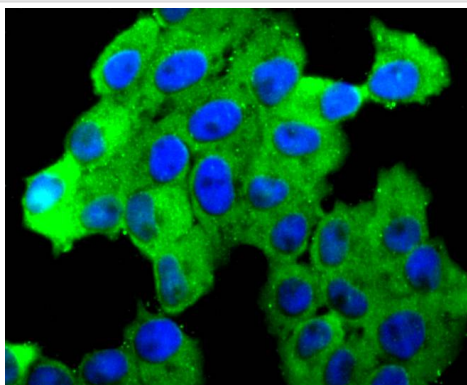
ICC staining N Cadherin in F9 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



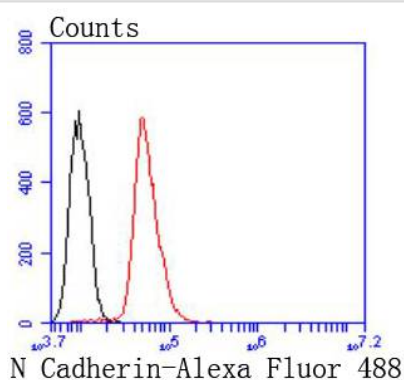
ICC staining N Cadherin in HepG2 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



ICC staining N Cadherin in NCCIT cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



ICC staining N Cadherin in RH-35 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



Flow cytometric analysis of HeLa cells with N Cadherin antibody at 1/50 dilution (red) compared with an unlabelled control (cells without incubation with primary antibody; black). Alexa Fluor 488-conjugated goat anti rabbit IgG was used as the secondary antibody.

## 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

et al., PD-L1 Expression Is Regulated By NF- $\kappa$ B During EMT Signalling In Gastric Carcinoma. In Onco Targets Ther on 2019 Nov 25 by Xu D, Li J, et al..PMID:31819504, , (2019)

[PMID:31819504](#)

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