

N-cadherin Monoclonal Antibody (CH-19)

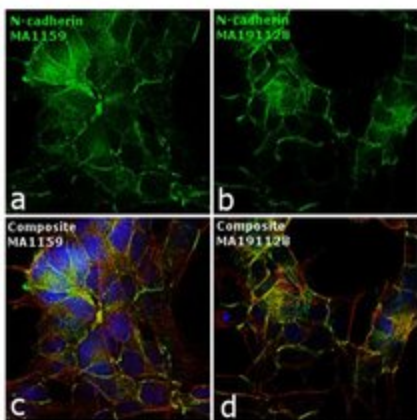
Product Details	
Size	100 µL
Species Reactivity	Bovine, Dog, Chicken, Cat, Guinea pig, Goat, Hamster, Human, Mammal, Mouse, Sheep, Pig, Rabbit, Reptile, Rat
Published Species	Mouse
Host/Isotope	Mouse / IgG1
Class	Monoclonal
Type	Antibody
Clone	CH-19
Conjugate	Unconjugated
Immunogen	synthetic peptide DYDYLNDWGPRFKKLADMYGGGDD conjugated to KLH, corresponding to amino acids 889-912 of Chicken N-Cadherin (cdh2).
Form	Liquid
Concentration	Conc. Not Determined
Storage buffer	Ascites
Contains	15mM sodium azide
Storage Conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.
RRID	AB_1958717

Applications	Tested Dilution	Publications
Immunocytochemistry (ICC)	1:500	-
Immunofluorescence (IF)	1:500	-
Immunohistochemistry (Paraffin) (IHC (P))	1:500	-
Western Blot (WB)	1:500	1 Publication

Product Specific Information

Recommended positive controls: MDBK.

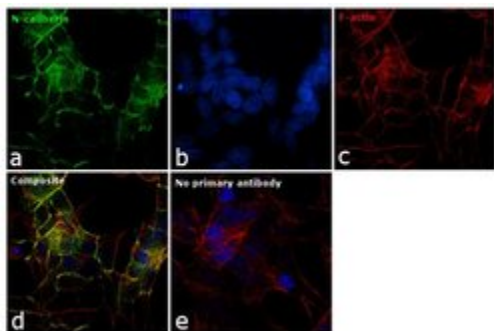
Store product as a concentrated solution. Centrifuge briefly prior to opening the vial.



N-cadherin Antibody (MA1-91128)

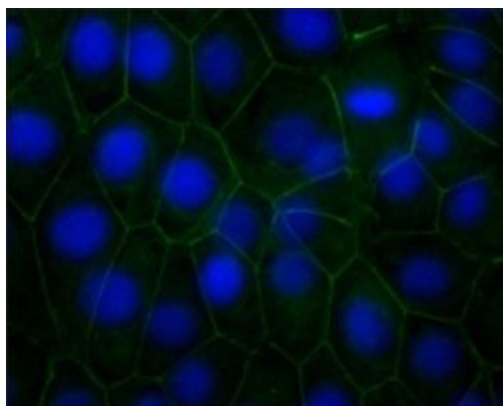
Antibody specificity was demonstrated by showing that antibodies raised against the same target protein perform similarly. Immunofluorescence of N-cadherin using N-cadherin Monoclonal Antibody (CH-19) (Product # MA1-91128) performed along with another N-cadherin antibody (Product # MA1-159) shows similar localization pattern in SH-SY5Y cells. Independent antibody validation info.

Product Images For N-cadherin Monoclonal Antibody (CH-19)



N-cadherin Antibody (MA1-91128) in IF

Immunofluorescence analysis of N-cadherin was performed using 90% confluent log phase SH-SY5Y cells. The cells were fixed with 4% paraformaldehyde for 10 minutes, permeabilized with 0.1% Triton™ X-100 for 15 minutes, and blocked with 1% BSA for 1 hour at room temperature. The cells were labeled with N-cadherin Monoclonal Antibody (CH-19) (Product # MA1-91128) at 1:250 dilution in 0.1% BSA, incubated at 4 degree Celsius overnight and then labeled with Goat anti-Mouse IgG (H+L) Superclonal™ Secondary Antibody, Alexa Fluor® 488 conjugate (Product # A28175) at a dilution of 1:2000 for 45 minutes at room temperature (Panel a: green). Nuclei (Panel b: blue) were stained with SlowFade® Gold Antifade Mountant with DAPI (Product # S36938). F-actin (Panel c: red) was stained with Rhodamine Phalloidin (Product # R415, 1:300). Panel d represents the merged image showing membranous localization. Panel e represents control cells with no primary antibody to assess background. The images were captured at 60X magnification.



N-cadherin Antibody (MA1-91128) in ICC

Immunocytochemistry-Immunofluorescence analysis of N-cadherin in MDBK cells using N-cadherin Monoclonal Antibody (CH-19) (Product # MA1-91128) at 1:500 (green) with DAPI(blue). Cells were fixed and permeabilized with cold methanol followed by acetone.

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Western Blot (1)

Glia
ST8SIA2 promotes oligodendrocyte differentiation and the integrity of myelin and axons.

"MA191128 was used in western blot to explore how ST8SIA2-mediated polysialylation influences oligodendrocyte differentiation and schizophrenia"

Authors: Szewczyk LM, Brozko N, Nagalski A, Röckle I, Werneburg S, Hildebrandt H, Wisniewska MB, Kuznicki J

Species
Mouse
Not Applicable

Dilution
Not Cited
Not Cited

Year
2017

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