

anti- N-cadherin antibody

Product Information

Catalog No.:	FNab05571
Size:	100µg
Form:	liquid
Purification:	Protein A+G purification
Purity:	≥95% as determined by SDS-PAGE
Host:	Mouse
Clonality:	monoclonal
Clone ID:	1G1
IsoType:	IgG2a
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months (Avoid repeated freeze / thaw cycles.)

Background

Cadherins are calcium-dependent cell adhesion proteins. They preferentially interact with themselves in a homophilic manner in connecting cells; cadherins may thus contribute to the sorting of heterogeneous cell types. Acts as a regulator of neural stem cells quiescence by mediating anchorage of neural stem cells to ependymocytes in the adult subependymal zone: upon cleavage by MMP24, CDH2-mediated anchorage is affected, leading to modulate neural stem cell quiescence. CDH2 may be involved in neuronal recognition mechanism. In hippocampal neurons, may regulate dendritic spine density(By similarity).

Immunogen information

Immunogen:	cadherin 2, type 1, N-cadherin(neuronal)
Synonyms:	Cadherin 2, CD325, CDH2, CDHN, CDw325, N cadherin, NCAD, N-cadherin, Neural cadherin
Observed MW:	130 kDa
Uniprot ID :	P19022

Application

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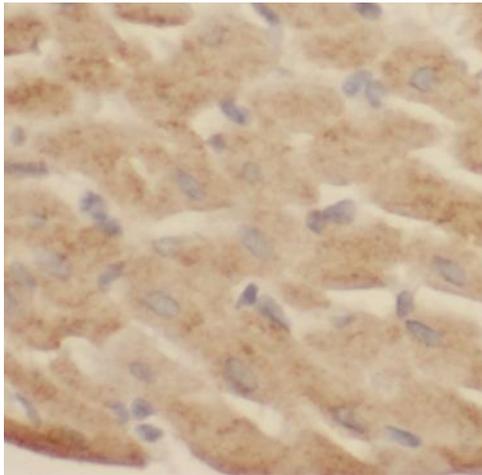
www.fn-test.com

Reactivity: Human, Mouse, Rat

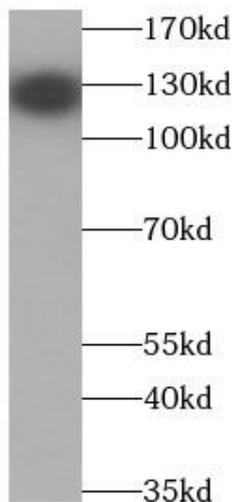
Tested Application: ELISA, IHC, WB

Recommended dilution: WB: 1:1000-1:10000; IHC: 1:20-1:200

Image:



Immunohistochemistry of paraffin-embedded human heart tissue slide using FNab05571(N-cadherin Antibody) at dilution of 1:200



human heart tissue were subjected to SDS PAGE followed by western blot with FNab05571(N-cadherin Antibody) at dilution of 1:2000