

DATASHEET

N-cadherin Rabbit Monoclonal Antibody (ARM535)

CAT. NO. ARM6825

KEY FEATURES

Target	N-cadherin	Clone ID	ARM535
Source / Host	Rabbit	Reactivity	Human
Applications	IHC	Dilution	1:100-1:200
Clonality	Monoclonal	Storage	-20°C

BACKGROUND

N-cadherin, also known as Cadherin-2 (CDH2) or Neural Cadherin (NCAD), is a transmembrane cell adhesion molecule that was originally detected in nervous tissue. It plays an important role in embryogenesis, being involved in gastrulation and neural crest development. N-cadherin is found in cancer cells and allows for transendothelial migration, which is a critical process in the metastasis of cancer. Overexpression and disorderly arrangement of N-cadherin has been noted in dilated cardiomyopathy. It has been suggested that, when considered in adjunct with the status of a number of additional cell-cell adhesion molecules, missense mutations in N-cadherin may be a potential indicator of obsessive-compulsive disorder and Tourette disorder.

APPLICATION

To ensure optimal assay performance, AREX recommends conducting reagent titration tailored to each testing system for optimal detection results.

Application	IHC
Dilution Ratio	1:100-1:200

*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

PRODUCT OVERVIEW

Antibody Type	Primary antibodies
Isotype	IgG
Positive Control	Brain, Liver
Localization	Membranous
Form / Buffer	Tris Buffer, pH 7.3 - 7.7, with 1% BSA and <0.1% Sodium Azide
Purification	Purified
Conjugation	Unconjugated
Gene Symbol	CDH2
Entrez Gene ID	1000
Uniprot	P19022
Alternative Names	Cadherin-2, CDH2, CD325

*AREX continuously optimizes our products. Webpage content may not reflect the latest updates. For inquiries, please contact info@arexbio.com or your local distributor.

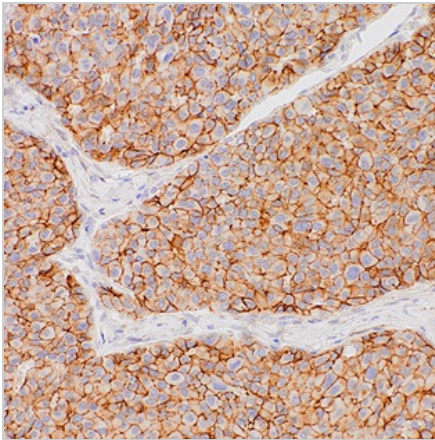
*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

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STORAGE

Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

DATA

Immunohistochemical staining of human liver tissue using N-cadherin Rabbit Monoclonal Antibody (ARM535).

RESEARCH USE ONLY

For Research Use Only. Not for diagnostic, therapeutics, prophylactic or in vivo use.

More information: [www.arexbio.com / n-cadherin-mouse-monoclonal-antibody-arm535-arm6825](http://www.arexbio.com/n-cadherin-mouse-monoclonal-antibody-arm535-arm6825)