

44-1173: Anti-N-cadherin Monoclonal Antibody (Clone:IHC636)(Discontinued)

Clonality :	Monoclonal
Clone Name :	IHC636
Application :	IHC
Reactivity :	Human
Gene :	CDH2
Gene ID :	1000
Uniprot ID :	P19022
Format :	Purified
Alternative Name :	CDHN, NCAD, Cadherin-2, CDw325, Neural cadherin, CD325

Description

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.

Product Info

Amount :	0.1 ml / 1 ml
Purification :	Protein A/G Chromatography
Storage condition :	Store at 2°C - 8°C.

Application Note

Recommended dilutions: Immunohistochemical analysis: 1:100 - 1:200. However, this needs to be optimized based on the research applications.

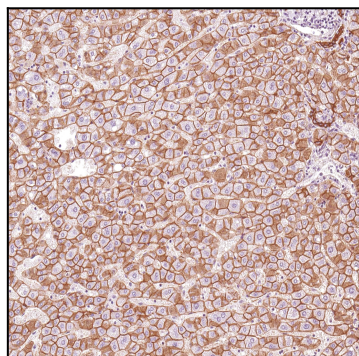


Figure 1: Immunohistochemical analysis of N-cadherin (IHC636) on Liver