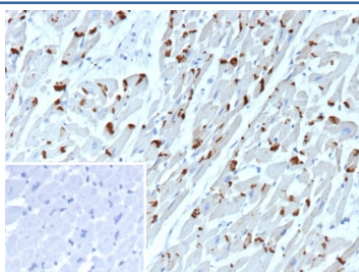


Cadherin-2 Antibody / N-Cadherin / CDH2 [clone CDH2/9491] (V5633)

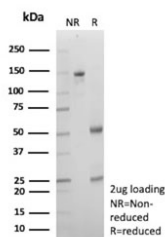
Catalog No.	Formulation	Size
V5633-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	100 ug
V5633-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	20 ug
V5633SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

[Bulk quote request](#)

Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG2b, kappa
Clone Name	CDH2/9491
Purity	Protein G affinity
UniProt	P19022
Localization	Cell Surface, Cytoplasm
Applications	Immunohistochemistry (FFPE) : 1-2ug/ml
Limitations	This Cadherin-2 antibody is available for research use only.



IHC staining of FFPE human heart tissue with Cadherin 2 antibody (clone CDH2/9491). Inset: PBS used in place of primary Ab (secondary Ab negative control). HIER: boil tissue sections in pH 9 10mM Tris with 1mM EDTA for 20 min and allow to cool before testing.



SDS-PAGE analysis of purified, BSA-free Cadherin 2 antibody (clone CDH2/9491) as confirmation of integrity and purity.

Description

Recognizes a protein of ~140kDa, identified as N-Cadherin (NCAD), also known as CD325. NCAD is a member of the Cadherin superfamily, and consists of five extracellular repeats, a transmembrane domain and a cytoplasmic domain. CD325 has been implicated in several aspects of cardiac development including the precardiac mesoderm, establishment of left-right symmetry and cardiac looping morphogenesis.

Application Notes

Optimal dilution of the Cadherin 2 antibody should be determined by the researcher.

Immunogen

A recombinant human Cadherin 2 partial protein from the cytoplasmic domain was used as the immunogen for the Cadherin 2 antibody.

Storage

Aliquot the Cadherin 2 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.