CD325 (PN0089) Nb-FC recombinant antibody

Catalog No : YA0294

Reactivity : Human

Applications : FCM;ELISA

Target : CD325

Gene Name : CDH2 CDHN NCAD

Protein Name : Cadherin-2 (CDw325) (Neural cadherin) (N-cadherin) (CD antigen CD325)

Human Gene Id : 1000

Human Swiss Prot No : P19022

Immunogen : Purified recombinant Human CD325

Specificity : This recombinant monoclonal antibody can detects endogenous levels of CD325 protein.

Formulation : Phosphate-buffered solution

Source : Camel, chimeric fusion of Nanobody (VHH) and mouse IgG1 Fc domain , recombinantly produced from 293F cell

Dilution : ELISA 1:5000-100000;FCM 1-2µg/Test

Purification : Recombinant Expression and Affinity purified

Concentration : Please check the information on the tube

Storage Stability : -15°C to -25°C/1 year(Avoid freeze / thaw cycles)

Background : This gene encodes a classical cadherin and member of the cadherin superfamily. Alternative splicing results in multiple transcript variants, at least one of which encodes a preprotein is proteolytically processed to generate a calcium-dependent cell adhesion molecule and glycoprotein.This protein plays a

role in the establishment of left-right asymmetry, development of the nervous system and the formation of cartilage and bone. [provided by RefSeq, Nov 2015]

Function :

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. CDH2 may be involved in neuronal recognition mechanism.,similarity:Contains 5 cadherin domains.,subunit:Interacts with CDCP1.,

Subcellular Location :

Cell membrane ; Single-pass type I membrane protein . Cell membrane, sarcolemma . Cell junction . Cell surface . Colocalizes with TMEM65 at the intercalated disk in cardiomyocytes. Colocalizes with OBSCN at the intercalated disk and at sarcolemma in cardiomyocytes. .

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