Best Tools for immunology Research

CD325 (PN0086) Nb-FC recombinant antibody

Catalog No :	YA0291
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 preproprotein 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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