



Human CDH2 blocking peptide (DAG-P1733)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	This gene is a classical cadherin from the cadherin superfamily. The encoded protein is a calcium dependent cell-cell adhesion glycoprotein comprised of five extracellular cadherin repeats, a transmembrane region and a highly conserved cytoplasmic tail. The protein functions during gastrulation and is required for establishment of left-right asymmetry. At certain central nervous system synapses, presynaptic to postsynaptic adhesion is mediated at least in part by this gene product. [provided by RefSeq, Jul 2008]
Conjugate	Unconjugated
Applications	BL
Sequence Similarities	Contains 5 cadherin domains.
Format	Liquid
Preservative	None
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles. Information available upon request.

GENE INFORMATION

Gene Name	CDH2 cadherin 2, type 1, N-cadherin (neuronal) [Homo sapiens (human)]
Official Symbol	CDH2
Synonyms	CDH2; cadherin 2, type 1, N-cadherin (neuronal); CDHN; NCAD; CD325; CDw325; cadherin-2; N-cadherin 1; neural cadherin; neural-cadherin; cadherin 2, N-cadherin (neuronal); calcium-dependent adhesion protein, neuronal;
Entrez Gene ID	1000

mRNA Refseq	NM_001792.3
Protein Refseq	NP_001783.2
UniProt ID	P19022
Chromosome Location	18q11.2
Pathway	Adherens junctions interactions, organism-specific biosystem; Arrhythmogenic right ventricular cardiomyopathy, organism-specific biosystem; Arrhythmogenic right ventricular cardiomyopathy (ARVC), organism-specific biosystem; Arrhythmogenic right ventricular cardiomyopathy (ARVC), conserved biosystem; BDNF signaling pathway, organism-specific biosystem; CDO in myogenesis, organism-specific biosystem; Cell adhesion molecules (CAMs), organism-specific biosystem; Cell adhesion molecules (CAMs), cons
Function	alpha-catenin binding; beta-catenin binding; calcium ion binding; gamma-catenin binding; protein binding; protein phosphatase binding;