

For Research Use Only

# Anti-Human N-cadherin/CD325 Rabbit Recombinant Antibody



Catalog Number: 98006-1-RR

## Basic Information

<b>Catalog Number:</b> 98006-1-RR	<b>GenBank Accession Number:</b> NM_001792.4	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 100ug , 1000 µg/ml	<b>GeneID (NCBI):</b> 1000	<b>CloneNo.:</b> 230259D7
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> P19022-1	
<b>Isotype:</b> IgG	<b>Full Name:</b> cadherin 2, type 1, N-cadherin (neuronal)	
	<b>Calculated MW:</b> 100 kDa	

## Applications

**Tested Applications:**  
FC

**Species Specificity:**  
Human

## Background Information

Cadherins are a family of transmembrane glycoproteins that mediate calcium-dependent cell-cell adhesion and play an important role in the maintenance of normal tissue architecture. N-cadherin (neural cadherin), also known as CDH2 (cadherin 2), is a 130-kDa transmembrane protein and a classical member of the cadherin superfamily which also include E-, P-, R-, and B-cadherins. Expression of N-cadherin has been reported on various cell types including neurons, endothelial cells and cardiac myocytes (PMID: 11282032; 9508779; 8125202). N-cadherin has functions in early brain morphogenesis, synaptogenesis and synaptic plasticity (PMID: 23321619).

## Storage

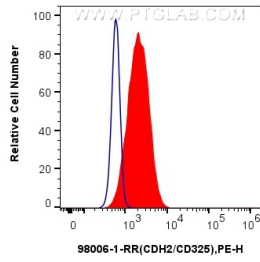
**Storage:**  
Store at 2-8°C. Avoid exposure to light. Stable for one year after shipment.

**Storage Buffer:**  
PBS with 0.09% sodium azide.

For technical support and original validation data for this product please contact:  
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## Selected Validation Data



1x10<sup>6</sup> HeLa cells were stained with 0.25 ug Anti-Human N-cadherin (98006-1-RR, Clone: 230259D7) and PE-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) (red), or 0.25 ug Control Antibody and PE-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) (blue). Cells were not fixed.