

Nur für Forschungszwecke

# N-cadherin Monoklonaler Antikörper

Katalog-Nr.:CL594-66219



## Allgemeine Informationen

<b>Katalog-Nr.:</b> CL594-66219	<b>GenBank-Zugangsnummer:</b> BC036470	<b>Reinigungsmethode:</b> Protein-G-Reinigung
<b>Größe:</b> 100ul , Konzentration: 1000 µg/ml von1000 Nanodrop;	<b>GeneID (NCBI):</b> cadherin 2, type 1, N-cadherin (neuronal)	<b>CloneNo.:</b> 1D8B3
<b>Wirt:</b> Maus	<b>Vollständiger Name:</b> cadherin 2, type 1, N-cadherin (neuronal)	<b>Empfohlene Verdünnungen:</b> IF 1:200-1:800
<b>Isotyp:</b> IgG1	<b>Berechnete Masse:</b> 906 aa, 100 kDa	<b>Anregungs-/Emissionsmaxima- Wellenlängen:</b> 588 nm / 604 nm
<b>Immunogen Katalognummer:</b> AG4996		

## Anwendungen

<b>Geprüfte Anwendungen:</b> IF	<b>Positivkontrollen:</b> IF : Mausherzgewebe,
<b>Getestete Reaktivität:</b> Hausschwein, Human, Maus, Ratte	

## Hintergrundinformationen

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). The antibody is conjugated with CL594, Ex/Em 593 nm/614 nm.

## Lagerung

**Lagerungsbedingungen:**  
Bei -20°C lagern. Vor Licht schützen. Nach dem Versand ein Jahr stabil.  
**Lagerungspuffer:**  
BS mit 50% Glycerin, 0,05% Proclin300, 0,5% BSA, pH 7,3.  
**Aliquotieren ist nicht notwendig bei -20°C Lagerung**

**\*\*\* 20ul-Größen enthalten 0.1% BSA**

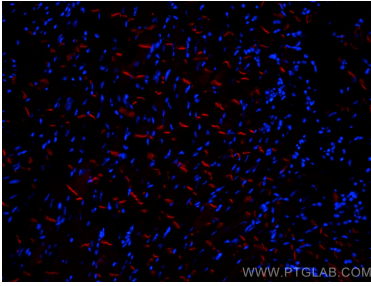
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## Ausgewählte Validierungsdaten



Immunofluorescent analysis of (4% PFA) fixed mouse heart tissue using CoraLite® 594 N-cadherin antibody (CL594-66219, Clone: 1D8B3 ) at dilution of 1:400.