

Nur für Forschungszwecke

# CD324 (E-cadherin) Monoklonaler Antikörper



Katalog-Nr.:65241-1-Ig

## Allgemeine Informationen

<b>Katalog-Nr.:</b> 65241-1-Ig	<b>GenBank-Zugangsnummer:</b> BC098501	<b>Reinigungsmethode:</b> Affinitätsreinigung
<b>Größe:</b> 100ug , 0.5 mg/mL	<b>GeneID (NCBI):</b> 12550	<b>CloneNo.:</b> DECMA-1
<b>Wirt:</b> Ratte	<b>Vollständiger Name:</b> cadherin 1	
<b>Isotyp:</b> IgG1, kappa		

## Anwendungen

**Geprüfte Anwendungen:**  
FC

**Getestete Reaktivität:**  
Human, Hund, Maus

## 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. E-cadherin (epithelial cadherin), also known as CDH1 (cadherin 1) or CAM 120/80, is a classical member of the cadherin superfamily which also include N-, P-, R-, and B-cadherins. It has been regarded as a marker for spermatogonial stem cells in mice(PMID:23509752). E-cadherin is expressed on the cell surface in most epithelial tissues. The extracellular region of E-cadherin establishes calcium-dependent homophilic trans binding, providing specific interaction with adjacent cells, while the cytoplasmic domain is connected to the actin cytoskeleton through the interaction with p120-,  $\alpha$ -,  $\beta$ -, and  $\gamma$ -catenin (plakoglobin). E-cadherin is important in the maintenance of the epithelial integrity, and is involved in mechanisms regulating proliferation, differentiation, and survival of epithelial cell. E-cadherin may also play a role in tumorigenesis. It is considered to be an invasion suppressor protein and its loss is an indicator of high tumor aggressiveness.

## Lagerung

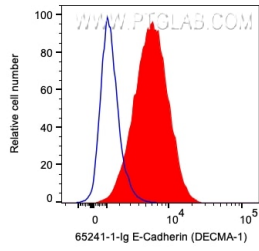
**Lagerungsbedingungen:**  
Store at 2-8°C. Stable for one year after shipment.

**Lagerungspuffer:**  
PBS with 0.09% sodium azide.

For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)      E: proteintech@ptglab.com  
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

## Ausgewählte Validierungsdaten



1X10<sup>6</sup> MDCK cells were surface stained with 0.2 ug Anti-Mouse CD324 (E-cadherin) (65241-1-Ig, Clone:DECMA-1) and APC-conjugated Goat Anti-Rat IgG at dilution 1:1000. Cells were not fixed.