

À des fins de recherche uniquement

# Anticorps Monoclonal anti-CD324 (E-cadherin)



Numéro de catalogue: **CL647-65241**

## Informations de base

Numéro de catalogue:

CL647-65241

Taille:

100ug, 0.5 mg/ml

Hôte:

Rat

Isotype:

IgG1, kappa

Numéro d'acquisition GenBank:

BC098501

Identification du gène (NCBI):

12550

Nom complet:

cadherin 1

Méthode de purification:

N/A

CloneNo.:

DECMA-1

Excitation/Emission maxima wavelengths:

654 nm / 674 nm

## Applications

Applications testées:

FC

Spécificité de l'espèce:

canin, Humain, souris

## Informations générales

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.

## Stockage

Stockage:

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

Tampon de stockage:

PBS with 0.09% sodium azide.

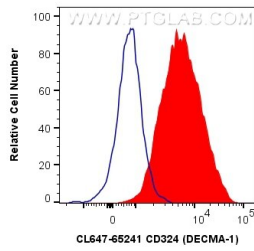
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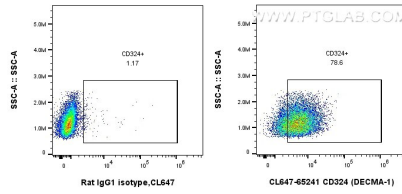
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

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

## Données de validation sélectionnées



1X10<sup>6</sup> MDCK cells were surface stained with 0.5 ug CoraLite® Plus 647 Anti-Mouse CD324 (E-cadherin) (CL647-65241, Clone:DECMA-1) (red), or 0.5 ug CoraLite® Plus 647 Rat IgG1 Isotype Control (HRPN) (CL647-65212, Clone: HRPN) (blue). Cells were not fixed.



1X10<sup>6</sup> MDCK cells were surface stained with 0.5 ug CoraLite® Plus 647 Anti-Mouse CD324 (E-cadherin) (CL647-65241, Clone:DECMA-1), or 0.5 ug CoraLite® Plus 647 Rat IgG1 Isotype Control (HRPN) (CL647-65212, Clone: HRPN). Cells were not fixed.