

À des fins de recherche uniquement

Anticorps Monoclonal anti-CD324 (E-cadherin)



Numéro de catalogue: 65241-1-Ig

Informations de base

Numéro de catalogue:

65241-1-Ig

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:

Purification par affinité

CloneNo.:

DECMA-1

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-, α -, β -, and γ -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. Stable for one year after shipment.

Tampon de stockage:

PBS with 0.09% sodium azide.

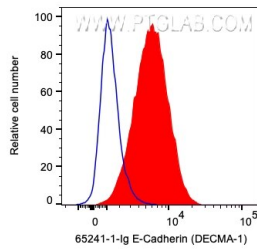
For technical support and original validation data for this product please contact:

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.

Données de validation sélectionnées



1X10⁶ 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.