

Nur für Forschungszwecke

CD324 (E-cadherin) Monoklonaler Antikörper



Katalog-Nr.:CL750-65241

Allgemeine Informationen

Katalog-Nr.: CL750-65241	GenBank-Zugangsnummer: BC098501	Reinigungsmethode: Affinitätsreinigung
Größe: 100ug, 0.5 mg/ml	GeneID (NCBI): 12550	CloneNo.: DECMA-1
Wirt: Ratte	Vollständiger Name: cadherin 1	Anregungs-/Emissionsmaxima-Wellenlängen: 755 nm / 780 nm
Isotyp: 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-, 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.

Lagerung

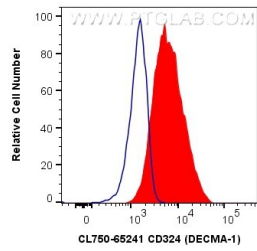
Lagerungsbedingungen:
Store at 2-8°C. Avoid exposure to light. Stable for one year after shipment.

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



1X10⁶ MDCK cells were surface stained with 1 ug CoraLite® Plus 750 Anti-Mouse CD324 (E-cadherin) (CL750-65241, Clone: DECMA-1) (red), or 1 ug Isotype Control. Cells were not fixed.