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PRODUCT DATASHEET

Anti-E-Cadherin (C-terminal region) Antibody

phosphosolutions ANTIBODIES THAT WORK

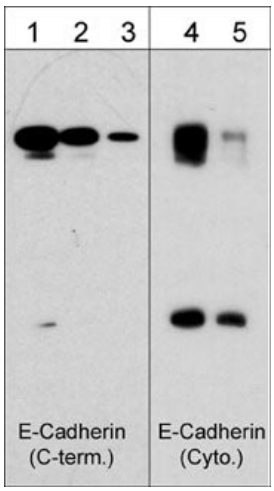
Product Details

Available Variants	100 µL (SKU:CP1921)
Conjugate	Unconjugated
Isotype	IgG
Gene Name	CDH1
Host Species	Rabbit
Format	Antigen Affinity Purified
Physical State	Liquid
Buffer	PBS + 1 mg/ml BSA, 0.05% NaN3 and 50% glycerol
Applications	ELISA, WB
Dilution Ranges	WB: 1:1000
Species Reactivity	Human, Mouse, Rat
Immunogen	E-cadherin synthetic peptide corresponding to amino acids in the C-terminal region in human E-cadherin. This sequence is conserved in rat and mouse E-cadherin, and has low homology to other cadherin family members.
Specificity	In western blots, the antibody detects a 120 kDa band corresponding to E-cadherin in human A431 cells, and does not detect VE-cadherin or N-Cadherin.
Molecular Weight	120
Quality Control	Western blots performed on each lot.
Storage	Storage at -20°C is recommended, as aliquots may be taken without freeze/thawing due to presence of 50% glycerol. Stable for at least 1 year at -20°C.
UniProt ID	P12830 UniProt Summary: Cadherins are calcium-dependent cell adhesion proteins. They preferentially interact with themselves in a homophilic manner in

connecting cells; cadherins may thus contribute to the sorting of heterogeneous cell types. CDH1 is involved in mechanisms regulating cell-cell adhesions, mobility and proliferation of epithelial cells. Promotes organization of radial actin fiber structure and cellular response to contractile forces, via its interaction with AMOTL2 which facilitates anchoring of radial actin fibers to CDH1 junction complexes at the cell membrane. Plays a role in the early stages of desmosome cell-cell junction formation via facilitating the recruitment of DSG2 and DSP to desmosome plaques. Has a potent invasive suppressor role. It is a ligand for integrin alpha-E/beta-7.

Country of Origin	United States
Shipping	Blue Ice
Expiration	After date of receipt, stable for at least 1 year at -20°C.
Usage Statement	For research use only. Not intended for therapeutic or diagnostic use. Use of all products is subject to our terms and conditions, which can be viewed on our website.
NCBI Gene ID	999

Product Images



Western blot image of human A431 cells that were probed with rabbit polyclonal anti-E-Cadherin (a.a. 774-786) at 1:250 (lane 1), 1:1000 (lane 2), and 1:4000 (lane 3) or mouse monoclonal anti-E-cadherin (Cytoplasmic) at 1:250 (lane 4) and 1:1000 (lane 5).

Created on 21. November 2026 | All information without guarantee