www.antibodiesinc.com
orders@antibodiesinc.com
530-758-4400

PRODUCT DATASHEET

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

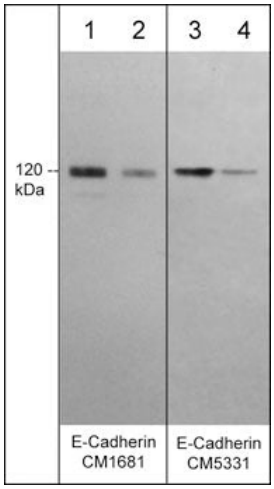
phosphosolutions ANTIBODIES THAT WORK

Product Details

Available Variants	100 µL (SKU:CM5331)
Conjugate	Unconjugated
Isotype	IgG1
Clone	M533
Gene Name	CDH1
Host Species	Mouse
Format	Protein G Purified
Physical State	Liquid
Buffer	PBS + 1 mg/ml BSA, 0.05% NaN3 and 50% glycerol
Applications	ELISA, WB
Dilution Ranges	WB: 1:250
Species Reactivity	Human, Mouse, Rat
Immunogen	Clone (M533) was generated from a mouse recombinant E-Cadherin protein containing amino acids in the C-terminal region. This sequence is highly conserved in human and rat E-cadherin.
Specificity	The E-cadherin antibody detects a 120 kDa* protein corresponding to endogenous E-Cadherin expressed in human A431 cells.
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	P09803 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	12550

Product Images



Western blot image of human A431 cells (lanes 1-4). The blots were probed with mouse monoclonals anti-E-Cadherin (Cytoplasmic) at 1:1000 (lane 1) and 1:4000 (lane 2) and anti-E-Cadherin (C-terminal fragment) at 1:250 (lane 3) and 1:1000 (lane 4).