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PRODUCT DATASHEET

Anti-δ1-Catenin (central region) Antibody

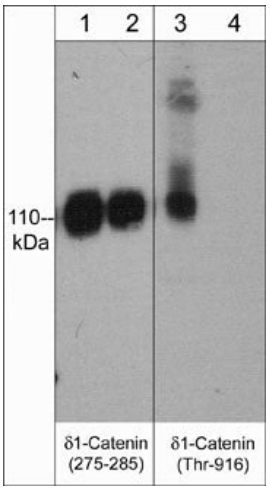
phosphosolutions ANTIBODIES THAT WORK

Product Details

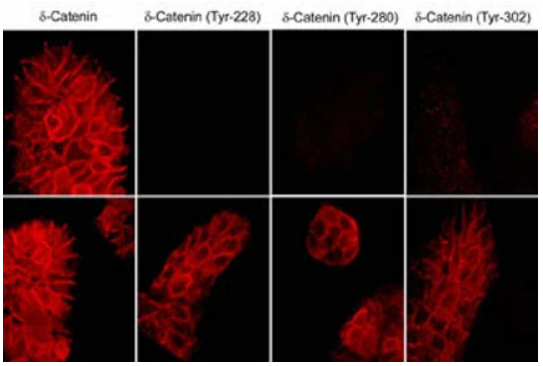
Available Variants	100 µL (SKU:CM3541)
Conjugate	Unconjugated
Isotype	IgG1
Clone	M354
Gene Name	CTNND1
Host Species	Mouse
Format	Protein A Purified
Physical State	Liquid
Buffer	PBS + 1 mg/ml BSA, 0.05% NaN3 and 50% glycerol
Applications	ELISA, ICC, IP, WB
Dilution Ranges	WB: 1:1000 ICC: 1:100 IP: 1:50
Species Reactivity	Human, Mouse, Rat
Immunogen	Clone (M354) was generated from a peptide that includes amino acids from the central region of human δ1-Catenin. This peptide sequence is highly conserved in rat and mouse δ1-Catenin.
Specificity	The antibody detects a 110 kDa* protein corresponding to the molecular mass of δ1-Catenin on SDS-PAGE immunoblots of human A431 and HUVEC cells.
Molecular Weight	110
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	O60716 UniProt Summary: Key regulator of cell-cell adhesion that associates with and regulates the cell adhesion properties of both C-, E- and N-cadherins, being critical for their surface stability. Promotes localization and retention of DSG3 at cell-cell junctions, via its interaction with DSG3. Beside cell-cell adhesion, regulates gene transcription through several transcription factors including ZBTB33/Kaiso2 and GLIS2, and the activity of Rho family GTPases and downstream cytoskeletal dynamics. Implicated both in cell transformation by SRC and in ligand-induced receptor signaling through the EGF, PDGF, CSF-1 and ERBB2 receptors.
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	1500

Product Images



Western blot analysis of δ1-Catenin phosphorylation in A431 cells stimulated with calyculin A (100 nM) for 30 min. (lanes 1 & 3) then the blot was treated with lambda phosphatase (lanes 2 & 4). The blots were probed with either mouse monoclonal anti-δ1-Catenin (a.a. 275-285) (lanes 1 & 2) or rabbit polyclonal anti-δ1-Catenin (Thr-916) (lanes 3 & 4).



Immunocytochemical labeling of δ1-Catenin in untreated (Top) or pervanadate-treated (bottom) A431 cells. The cells were labeled with mouse monoclonal δ1-Catenin (a.a. 275-285), δ1-Catenin (Tyr-228), δ1-Catenin (Tyr-280), or δ1-Catenin (Tyr-302) antibodies. The antibodies were detected using donkey anti-mouse secondary antibodies conjugated to Cy3.

Product Page URL: www.antibodiesinc.com/products/anti-d1-catenin-central-region-antibody-cm3541

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