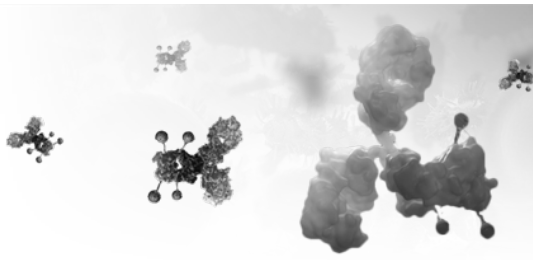

Anti-CTNND1 monoclonal antibody, clone 7I22 (DCABH-451)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Mouse monoclonal to delta 1 Catenin
Antigen Description	Binds to and inhibits the transcriptional repressor ZBTB33, which may lead to activation of target genes of the Wnt signaling pathway (By similarity). May associate with and regulate the cell adhesion properties of both C- and E-cadherins. Implicated both in cell transformation by SRC and in ligand-induced receptor signaling through the EGF, PDGF, CSF-1 and ERBB2 receptors. Promotes GLIS2 C-terminal cleavage.
Immunogen	This antibody is derived from the 6H11 hybridoma produced by the fusion of mouse myeloma cells and splenocytes from an A/J mouse immunized with a recombinant N-terminal fragment of murine delta 1 Catenin.
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	Mouse, Rat, Chicken, Cow, Dog, Human
Clone	7I22
Conjugate	Unconjugated
Applications	WB, ELISA, ICC, IP, ICC/IF
Positive Control	Tested with Madin Darby canine kidney (MDCK) epithelial cells and whole cell extract from cultured chicken fibroblasts.
Format	Liquid
Size	50 µl

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Buffer	Preservative: 15mM Sodium Azide; Constituents: Tissue Culture Supernatant
Preservative	15mM Sodium Azide
Storage	Store at +4°C short term (1-2 weeks). Aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.

GENE INFORMATION

Gene Name	Ctnnd1 catenin (cadherin associated protein), delta 1 [Mus musculus]
Official Symbol	CTNND1
Synonyms	CTNND1; catenin (cadherin associated protein), delta 1; catenin delta-1; CAS; p120(cas); p120(ctn); catenin src; p120 catenin; p120-catenin; cadherin-associated Src substrate; P120; Catns; Ctnnd; AA409437; AU019353; mKIAA0384;
Entrez Gene ID	12388
Protein Refseq	NP_001078917
UniProt ID	P30999
Pathway	Adherens junction, organism-specific biosystem; Adherens junction, conserved biosystem; Adherens junctions interactions, organism-specific biosystem; Cell junction organization, organism-specific biosystem; Cell-Cell communication, organism-specific biosystem; Cell-cell junction organization, organism-specific biosystem; EGFR1 Signaling Pathway, organism-specific biosystem;
Function	RPTP-like protein binding; binding; cadherin binding; cell adhesion molecule binding; protein binding; protein domain specific binding; protein kinase binding; protein phosphatase binding; receptor binding;

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