

Product Data Sheet

Anti-Beta-catenin Antibody

Catalog #	Source	Reactivity	Applications
CPA9122	Mouse	H, M, R	WB, IH
Description	Mouse monoclonal to Beta-catenin		
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence of human Beta-catenin. The exact sequence is proprietary.		
Purification			
Specificity	Recognizes endogenous levels of Beta-catenin protein.		
Clonality	Monoclonal		
Form	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.		
Dilution	WB (1/1000 - 1/2000), IH (1/100 - 1/200)		
Gene Symbol	CTNNB1		
Alternative Names	CTNNB; Catenin beta-1; Beta-catenin		
Entrez Gene	1499 (Human); 12387 (Mouse); 84353 (Rat)		
SwissProt	P35222 (Human); Q02248 (Mouse); Q9WU82 (Rat)		
Storage/Stability	Shipped at 4°C. Upon delivery aliquot and store at -20°C for one year. Avoid freeze/thaw cycles.		

Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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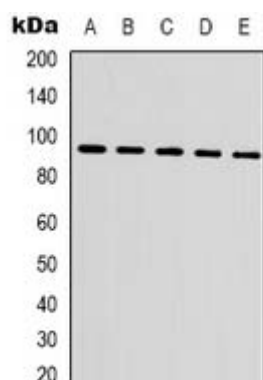
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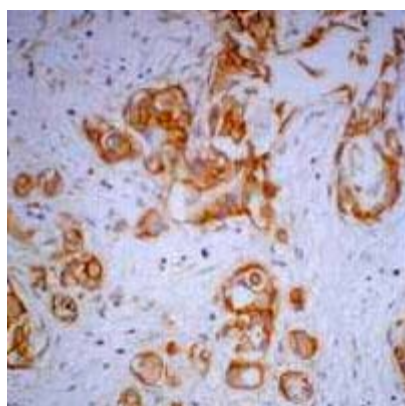
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Western blot analysis of Beta-catenin expression in Hela (A), 293T (B), MCF7 (C), mouse brain (D), rat liver (E) whole cell lysates.



Immunohistochemical analysis of Beta-catenin staining in human breast cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

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