

Cat. No:	MAB-94627
Size:	100 ug
Clone:	CB29
Concentration:	1mg/ml
Host:	Ms
Isotype:	IgG
Immunogen:	Recombinant protein of human β -Catenin.
Reactivity:	Hu, Ms, Rt
Applications:	vWestern Blot: 1:500 - 1:2000 Immunohistochemistry: 1:50 - 1:200 Immunofluorescence: 1:50 - 1:200 Flow cytometry: 1:50 - 1:200
Molecular Weight:	92kDa
Purification:	Aff. Pur.
Synonyms:	CTNNB;MRD19;armadillo;beta Catenin;CTNNB1
Background:	<p>The protein encoded by this gene is part of a complex of proteins that constitute adherens junctions (AJs). AJs are necessary for the creation and maintenance of epithelial cell layers by regulating cell growth and adhesion between cells. The encoded protein also anchors the actin cytoskeleton and may be responsible for transmitting the contact inhibition signal that causes cells to stop dividing once the epithelial sheet is complete. Finally, this protein binds to the product of the APC gene, which is mutated in adenomatous polyposis of the colon. Mutations in this gene are a cause of colorectal cancer (CRC), pilomatixoma (PTR), medulloblastoma (MDB), and ovarian cancer. Alternative splicing results in multiple transcript variants.</p>
Form:	Liquid
Buffer:	PBS with 0.02% sodium azide and 50% glycerol pH 7.4
Storage:	Store at -20°C. Avoid freeze / thaw cycles.

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