

Mouse beta-Catenin Monoclonal Antibody | anti-CTNNB1 antibody

beta-Catenin (44C6) Mouse mAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA62294	Mouse	Human, Mouse, Rat	Immunohistochemistry, Immunofluorescence, Western Blot

PRODUCT SYNONYMS

beta-Catenin; Monoclonal Antibody; beta-Catenin (44C6) Mouse mAb; anti-CTNNB1 antibody

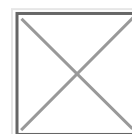
PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human, Mouse, Rat
Clonality	Monoclonal
Isotype	IgG1
Specificity	beta-Catenin (44C6) Mouse mAb detects endogenous levels of total beta-catenin protein.
Sequence Length	781
Applicable Applications for anti-CTNNB1 antibody	IHC (Immunohistochemistry), IF (Immunofluorescence), WB (Western Blot)
Source Note	This monoclonal antibody is produced by immunizing mice with a synthetic peptide (KLH-coupled) corresponding to carboxy-terminal residues of human beta-catenin.
Preparation and Storage	Store at -20 degree C. Stable for one year from the date of shipment.

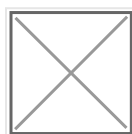
IMAGES



IHC (Immunohistochemistry)



IF (Immunofluorescence)



WB (Western Blot)

ADDITIONAL INFORMATION

Related Product Information for anti-CTNNB1 antibody	The catenins, alpha, beta and y, are proteins which bind to the highly conserved, intracellular cytoplasmic tail of E-cadherin. Together, the catenin/cadherin complexes play an important role mediating cellular adhesion. alpha-catenin was initially described as an E-cadherin associated protein, and since has been shown to associate with other members of the cadherin family, such as N-cadherin and P-cadherin. beta-catenin associates with the cytoplasmic portion of E-cadherin, which is necessary for the function of E-cadherin as an adhesion molecule. beta-catenin has also been found in complexes with the tumor suppressor protein APC. y-catenin, also known as plakoglobin, is a protein that binds with alpha-catenin and N-cadherin. It has been shown that the transmembrane phosphatase PTP u associates with catenin/cadherin complexes and may regulate complex signaling.
Product Categories/Family for anti-CTNNB1 antibody	Signaling

NCBI AND UNIPROT INFORMATION

NCBI GI #	860988
NCBI GeneID	1499
UniProt Accession #	P35222; Q8NEW9; Q8NI94; Q9H391; A8K1L7
Molecular Weight	92kDa
NCBI Official Full Name	beta-catenin
NCBI Official Synonym Full Names	catenin beta 1
NCBI Official Symbol	CTNNB1
NCBI Official Synonym Symbols	EVR7; CTNNB; MRD19; armadillo
NCBI Protein Information	catenin beta-1
UniProt Protein Name	Catenin beta-1
UniProt Gene Name	CTNNB1
UniProt Synonym Gene Names	CTNNB

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/beta-catenin-antibody-immunohistochemistry-immunofluorescence-western-blot-elisa/62294>