

Mouse beta-Catenin Monoclonal Antibody | anti-CTNNB1 antibody

Anti-beta-Catenin Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA249042	Mouse	Human, Mouse, Rat, Pig	Immunoprecipitation, Immunohistochemistry, Western Blot, Immunofluorescence, ELISA

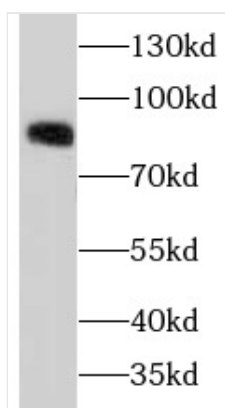
PRODUCT SYNONYMS

beta-Catenin; Monoclonal Antibody; Anti-beta-Catenin Antibody; b cat; Beta catenin; Catenin beta 1; CTNNB; CTNNB1; PRO2286; beta catenin; beta-catenin; anti-CTNNB1 antibody

PRODUCT SPECIFICATIONS

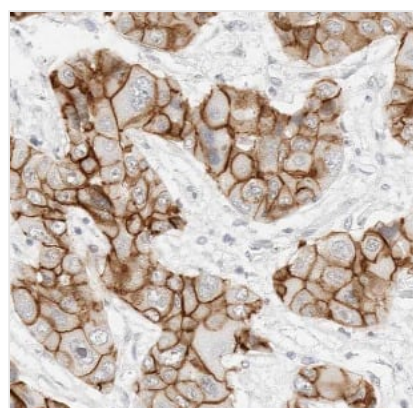
Host	Mouse
Reactivity	Human, Mouse, Rat, Pig
Clonality	Monoclonal
Isotype	IgG1
Purity/Purification	>=95% as determined by SDS-PAGE Protein A+G Purified
Form/Format	Liquid; PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Sequence Length	781
Applicable Applications for anti-CTNNB1 antibody	IP (Immunoprecipitation), IHC (Immunohistochemistry), WB (Western Blot), IF (Immunofluorescence), ELISA
Immunogen	Catenin(cadherin-associated protein), beta 1, 88kDa
Preparation and Storage	Store at -20 degree C for 24 months. Avoid repeated freeze/thaw cycles.

IMAGES



WB (Western Blot)

A431 cells were subjected to SDS PAGE followed by western blot (B-catenin antibody) at dilution of 1:5000



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human liver cancer tissue slide (B-catenin Antibody) at dilution of 1:200

ADDITIONAL INFORMATION

Related Product Information for anti-CTNNB1 antibody	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.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	148233338
NCBI GeneID	1499
NCBI Accession #	NP_001091679.1
NCBI GenBank Nucleotide #	NM_001098209.1
UniProt Accession #	P35222
Molecular Weight	90 kDa
NCBI Official Full Name	catenin beta-1 isoform 1
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
UniProt Entry Name	CTNB1_HUMAN

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.