

CTNNB1 recombinant antibody

CTNNB1 Recombinant Monoclonal Antibody

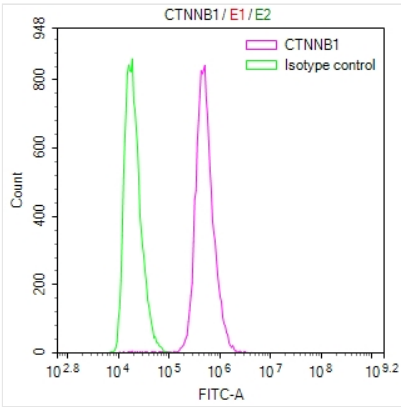
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA279158	HEK293F Cell	Human, Mouse	Flow Cytometry, Functional Assay, Immunofluorescence, Immunohistochemistry, ELISA

PRODUCT SYNONYMS

CTNNB1; Monoclonal Recombinant Antibody; CTNNB1 Recombinant Monoclonal Antibody; b-catenin; Beta catenin ; Beta-catenin; Cadherin associated protein; Catenin (cadherin associated protein); beta 1; 88kDa; Catenin beta 1; Catenin beta-1; CATNB; CHBCAT; CTNB1_HUMAN; CTNNB; DKFZp686D02253; FLJ25606; FLJ37923; OTTHUMP00000162082; OTTHUMP00000165222; OTTHUMP00000165223; OTTHUMP00000209288; OTTHUMP00000209289; CTNNB1 recombinant antibody

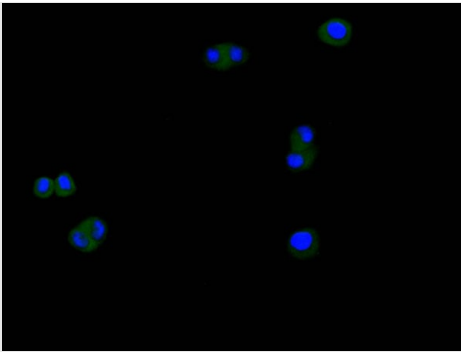
PRODUCT SPECIFICATIONS

Host	HEK293F Cell
Reactivity	Human, Mouse
Clonality	Monoclonal
Isotype	Rabbit IgG
Clone Number	17H11
Purity/Purification	Affinity purified
Form/Format	Liquid; 0.03% Proclin 300, 50% glycerol, 0.01M PBS, pH 7.4.
Applicable Applications for CTNNB1 recombinant antibody	FCM/FACS (Flow Cytometry), IF (Immunofluorescence), IHC (Immunohistochemistry), ELISA
Immunogen Species	Human
Immunogen	Recombinant Human CTNNB1 protein
Conjugation	Non-conjugated
Research Area	Neuroscience; Cancer; Cardiovascular; Signal transduction; Stem cells
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.



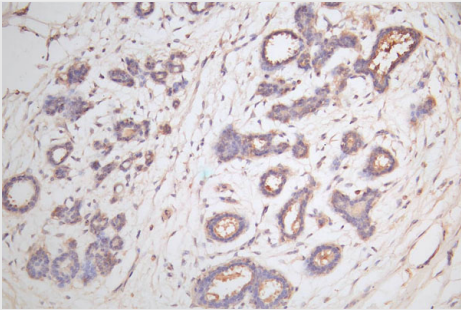
FCM/FACS (Flow Cytometry)

Overlay Peak curve showing Hela cells stained with AAA279158 (red line) at 1:100. Then 10% normal goat serum was incubated to block non-specific protein-protein interactions followed by the antibody (1ug/1*10⁶cells) for 45 min at 4°C. The secondary antibody used was FITC-conjugated Goat Anti-Rabbit IgG(H+L) at 1/200 dilution for 35 min at 4°C. Isotype control antibody (green line) was rabbit IgG1 (1ug/1*10⁶cells) used under the same conditions. Acquisition of >10,000 events was performed.



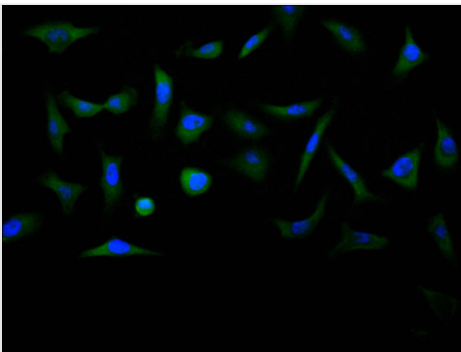
IF (Immunofluorescence)

Immunofluorescence staining of Hela cell with AAA279158 at 1:200, counter-stained with DAPI. The cells were fixed in 4% formaldehyde and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4°C. The secondary antibody was Alexa Fluor 488-conjugated AffiniPure Goat Anti-rabbit IgG(H+L).



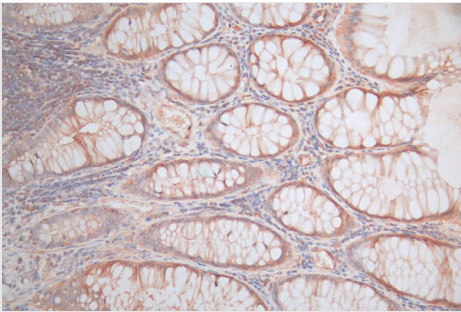
IHC (Immunohistochemistry)

IHC image of AAA279158 diluted at 1:100 and staining in paraffin-embedded human breast tissue performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a Goat anti-rabbit polymer IgG labeled by HRP and visualized using 0.05% DAB.



IF (Immunofluorescence)

Immunofluorescence staining of MCF7 cell with AAA279158 at 1:200, counter-stained with DAPI. The cells were fixed in 4% formaldehyde and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4°C. The secondary antibody was Alexa Fluor 488-conjugated AffiniPure Goat Anti-rabbit IgG(H+L).



IHC (Immunohistochemistry)

IHC image of AAA279158 diluted at 1:100 and staining in paraffin-embedded human rectal cancer performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a Goat anti-rabbit polymer IgG labeled by HRP and visualized using 0.05% DAB.

NCBI AND UNIPROT INFORMATION

NCBI GI #	148233338
NCBI GeneID	1499

NCBI Accession #	NP_001091679.1
NCBI GenBank Nucleotide #	NM_001098209.1
UniProt Accession #	P35222 ; Q8NEW9 ; Q8NI94 ; Q9H391 ; A8K1L7
Molecular Weight	85,497 Da
NCBI Official Full Name	catenin beta-1
NCBI Official Synonym Full Names	catenin (cadherin-associated protein), beta 1, 88kDa
NCBI Official Symbol	CTNNB1
NCBI Official Synonym Symbols	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.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/ctnnb1-recombinant-antibody-clone-17h11-flow-cytometry-immunofluorescence-immunohistochemistry-elisa/279158>