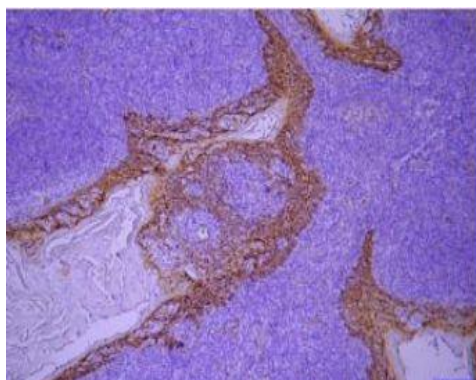


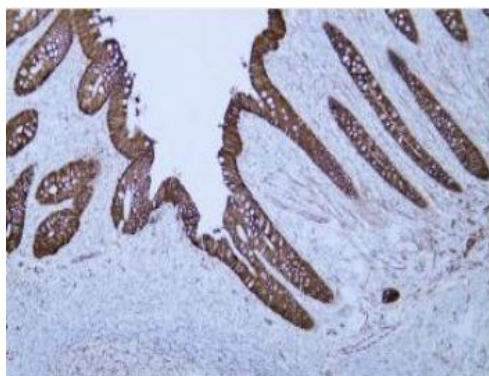
Beta-catenin mouse mAb(ABT297)

Catalog No.	IML0819
Reactivity	Human
Applications	IHC-p; IF(paraffin section)
Gene Name	CTNNB1 CTNNB OK:SW-cl.35 PRO2286
Protein Name	Beta-catenin
Human Gene Id	1499
Swiss-Prot	P35222
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.131% sodium azide.
Source	Monoclonal, Mouse:IgG2b, Kappa
Dilution	IHC-p: 1:100-200 IF: 1:100-500
Purification	The antibody was affinity-purified from mouse ascites by affinity-chromatography using specific immunogen.
Concentration	1.27mg:mL
Storage&Stability	-20°C:1 year
Background	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. [provided by RefSeq, Aug 2016],
Subcellular Location	spindle pole,nucleus,nucleoplasm,transcription factor complex,nuclear euchromatin,cytoplasm,centrosome,cytosol,plasma membrane,cell-cell junction,adherens junction,cell-cell adherens junction,fascia adherens,bicell
BiowMW	-

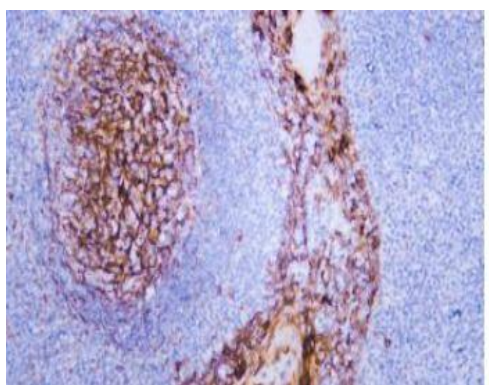
Products Images:



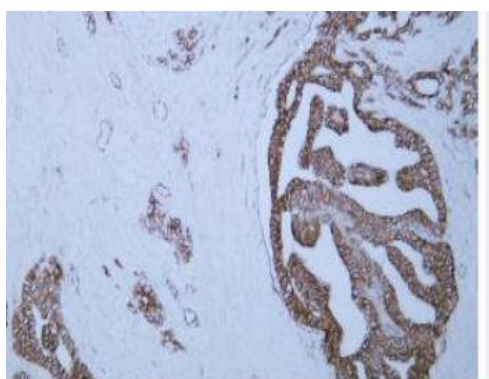
Immunohistochemical analysis of paraffin-embedded human tonsil Antibody was diluted at 1:200(4° overnight).



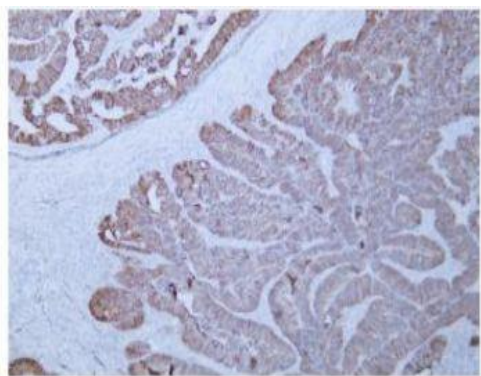
Human appendix tissue was stained with anti-Beta-catenin(ABT297) antibody.



Human tonsil tissue was stained with anti-Beta-catenin(ABT297) antibody.



Human prostatic adenocarcinoma tissue was stained with anti-Beta-catenin(ABT297) antibody.



Human colon carcinom tissue was stained with primary antibody.