

产品名称: CTNNB1 Mouse Monoclonal Antibody
产品货号: AMM81916



产品概述 (Summary)

产品名称 (Production Name)	CTNNB1 Mouse Monoclonal Antibody
描述 (Description)	Mouse monoclonal Antibody
宿主 (Host)	Mouse
应用 (Application)	WB,IHC,ELISA,FC
种属反应性 (Reactivity)	Human

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
同种型 (Isotype)	Mouse IgG2b
克隆 (Clonality)	Monoclonal
形式 (Form)	Liquid
存放说明 (Storage)	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
储存溶液 (Buffer)	Purified antibody in PBS with 0.05% sodium azide
纯化方式 (Purification)	Affinity Purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	CTNNB1
别名 (Alternative Names)	CTNNB; MRD19; armadillo; Beta-catenin
基因 ID (Gene ID)	1499.0
蛋白 ID (SwissProt ID)	P35222. Purified recombinant fragment of human CTNNB1 (AA: 1-100) expressed in E. Coli.

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000, IHC 1:200-1:1000, ELISA 1:5000-1:20000, FC 1:200-1:400
蛋白分子量 (Molecular Weight)	85.5kDa

研究背景 (Background)

The protein encoded by this gene is part of a complex of proteins that constitute adherens junctions (AJs). AJs are

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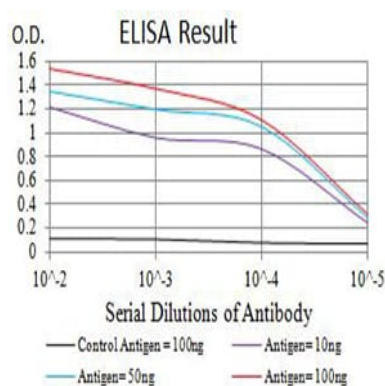


necessary for the creation and maintenance of epithelial cell layers by regulating cell growth and adhesion between cells. The encoded protein also anchors the actin cytoskeleton and may be responsible for transmitting the contact inhibition signal that causes cells to stop dividing once the epithelial 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.

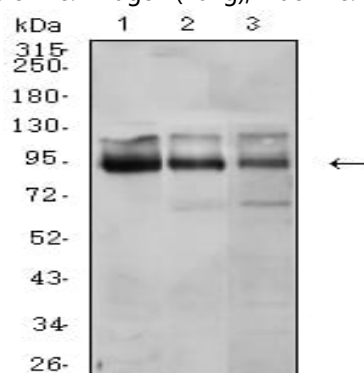
研究领域 (Research Area)

Wnt signaling pathway, Hippo signaling pathway

图片 (Image Data)

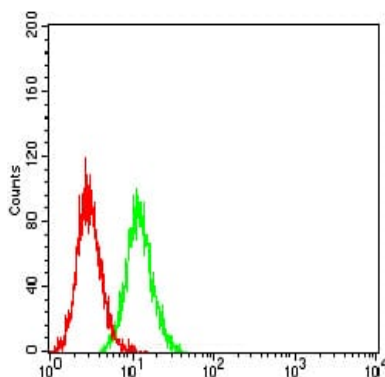


Black line: Control Antigen (100 ng); Purple line: Antigen (10ng); Blue line: Antigen (50 ng); Red line: Antigen (100 ng)

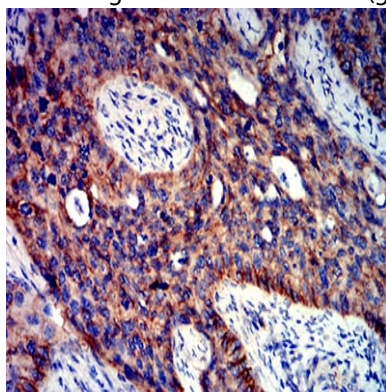


Western blot analysis using CTNNB1 mouse mAb against A431 (1), U251 (2), and HEK293 (3) cell lysate.

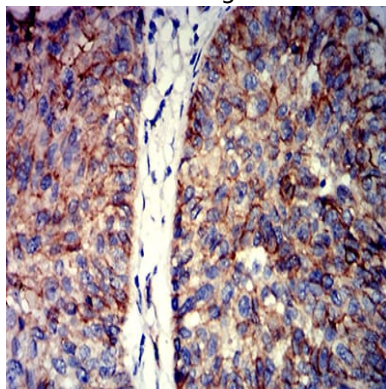
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Flow cytometric analysis of K562 cells using CTNNB1 mouse mAb (green) and negative control (red).



Immunohistochemical analysis of paraffin-embedded human cervical cancer tissues using CTNNB1 mouse mAb with DAB staining.



Immunohistochemical analysis of paraffin-embedded human bladder cancer tissues using CTNNB1 mouse mAb with DAB staining.

注意事项 (Note)

For research use only .