

产品名称: beta Catenin (7E2) Mouse Monoclonal Antibody  
产品货号: AMM03594



## 产品概述 (Summary)

|                        |                                              |
|------------------------|----------------------------------------------|
| 产品名称 (Production Name) | beta Catenin (7E2) Mouse Monoclonal Antibody |
| 描述 (Description)       | Mouse monoclonal Antibody                    |
| 宿主 (Host)              | Mouse                                        |
| 应用 (Application)       | WB,IHC                                       |
| 种属反应性 (Reactivity)     | Human,Mouse,Rat                              |

## 产品性能 (Performance)

|                     |                                                                                                |
|---------------------|------------------------------------------------------------------------------------------------|
| 偶联物 (Conjugation)   | Unconjugated                                                                                   |
| 修饰 (Modification)   | Unmodified                                                                                     |
| 同种型 (Isotype)       | IgG1                                                                                           |
| 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)       | Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% sodium azide, pH 7.3. |
| 纯化方式 (Purification) | Affinity Purification                                                                          |

## 免疫原信息 (Immunogen)

|                        |                                                          |
|------------------------|----------------------------------------------------------|
| 基因名 (Gene Name)        | CTNNB1                                                   |
| 别名 (Alternative Names) | CTNNB1; CTNNB; OK/SW-cl.35; Catenin beta-1; Beta-catenin |
| 基因 ID (Gene ID)        | 1499                                                     |
| 蛋白 ID (SwissProt ID)   | P35222.                                                  |

## 产品应用 (Application)

|                          |                                            |
|--------------------------|--------------------------------------------|
| 稀释比 (Dilution Ratio)     | WB 1:500-1:1000,IHC 1:50-1:100             |
| 蛋白分子量 (Molecular Weight) | Calculated MW: 85 kDa; Observed MW: 92 kDa |

## 研究背景 (Background)

Beta-catenin is an adherens junction protein. Adherens junctions (AJs; also called the zonula adherens) are critical for the

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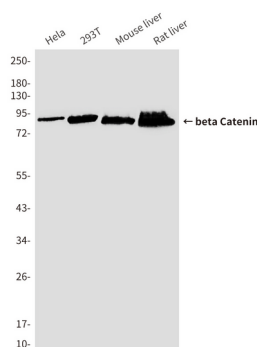


establishment and maintenance of epithelial layers, such as those lining organ surfaces. AJs mediate adhesion between cells, communicate a signal that neighboring cells are present, and anchor the actin cytoskeleton. In serving these roles, AJs regulate normal cell growth and behavior.

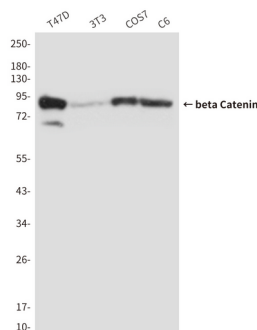
## 研究领域 (Research Area)

Signal Transduction

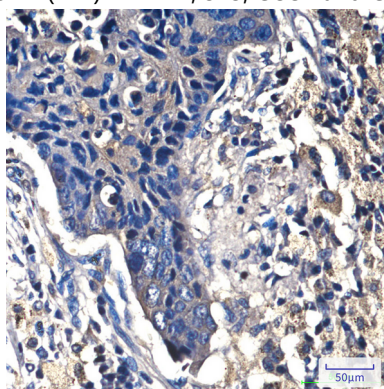
## 图片 (Image Data)



Western blot analysis of beta Catenin (7E2) in HeLa, 293T, mouse Liver, rat Liver lysates using  $\beta$ Catenin antibody.



Western blot analysis of beta Catenin (7E2) in T47D, 3T3, COS7 and C6 lysates using  $\beta$ Catenin antibody.



Immunohistochemistry analysis of paraffin-embedded Human lung cancer tissue using beta Catenin (7E2) antibody. High-

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pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.

**注意事项 (Note)**

For research use only .