
Product Name: beta Catenin (7E2) Mouse Monoclonal Antibody**Catalog #: AMM03594**

For research use only.

Summary

Description	Mouse monoclonal Antibody
Host	Mouse
Application	WB,IHC
Reactivity	Human,Mouse,Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG1
Clonality	Monoclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% sodium azide, pH 7.3.
Purification	Affinity Purification

Application

Dilution Ratio	WB 1:500-1:1000,IHC 1:50-1:100
Molecular Weight	Calculated MW: 85 kDa; Observed MW: 92 kDa

Antigen Information

Gene Name	CTNNB1
Alternative Names	CTNNB1; CTNNB; OK/SW-cl.35; Catenin beta-1; Beta-catenin
Gene ID	1499
SwissProt ID	P35222
Immunogen	A synthetic peptide corresponding to target protein

Background

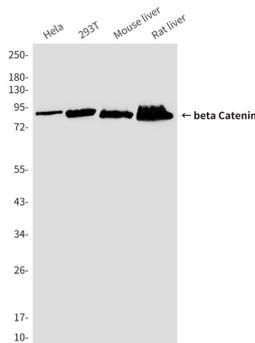
Beta-catenin is an adherens junction protein. Adherens junctions (AJs; also called the zonula adherens) are critical for the establishment and maintenance of epithelial layers, such as those lining organ surfaces. AJs mediate adhesion between cells,

communicate a signal that neighboring cells are present, and anchor the actin cytoskeleton. In serving these roles, AJs regulate normal cell growth and behavior.

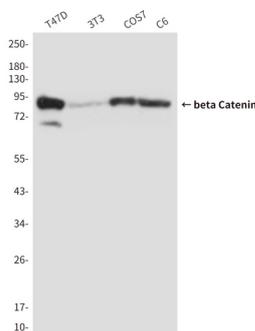
Research Area

Signal Transduction

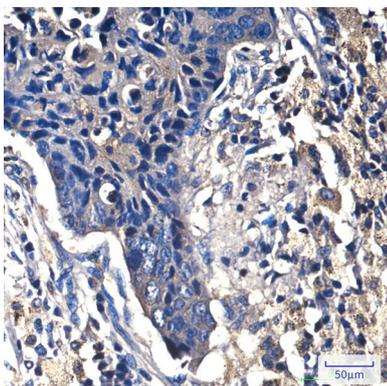
Image Data



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



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



Immunohistochemistry analysis of paraffin-embedded Human lung cancer tissue using beta Catenin (7E2) antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.