

Catenin beta Monoclonal Antibody

Catalog Number:E-AB-70230

Note: Centrifuge before opening to ensure complete recovery of vial contents.

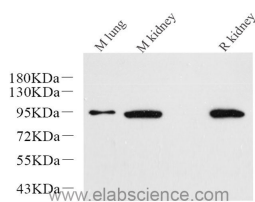
Description

Reactivity	Human,Mouse,Rat
Immunogen	Recombinant protein corresponding to Mouse β -catenin
Host	Mouse
Isotype	IgG
Clone	4A3H3
Purification	Affinity purification
Conjugation	Unconjugated
Formulation	PBS with 0.02% sodium azide, 1% protective protein and 50% glycerol, pH7.4

Applications Recommended Dilution

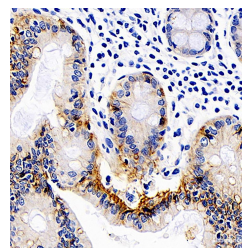
WB	1:500-1:1000
IHC	1:100-1:500

Data

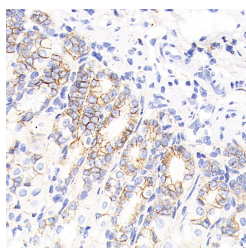


Western Blot analysis of various samples using Catenin beta Monoclonal Antibody at dilution of 1:1000.

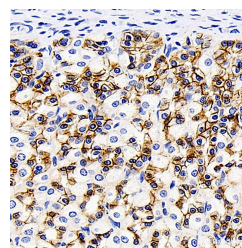
Observed Mw:92kDa
Calculated Mw:92kDa



Immunohistochemistry analysis of paraffin-embedded Human colon using Catenin beta Monoclonal Antibody at dilution of 1:200.



Immunohistochemistry analysis of paraffin-embedded mouse stomach using Catenin beta Monoclonal Antibody at dilution of 1:200.



Immunohistochemistry analysis of paraffin-embedded Rat stomach using Catenin beta Monoclonal Antibody at dilution of 1:200.

Preparation & Storage

Storage Store at -20°C. Avoid freeze / thaw cycles.

Background

For Research Use Only

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CTNNB1, also known as β -Catenin, is an evolutionarily conserved, multifunctional intracellular protein. CTNNB1 was originally identified in cell adherens junctions (AJs) where it functions to bridge the cytoplasmic domain of cadherins to α -catenin and the actin cytoskeleton. Besides its essential role in the AJs, CTNNB1 is also a key downstream component of the canonical Wnt pathway that plays diverse and critical roles in embryonic development and adult tissue homeostasis. Deregulation of CTNNB1 activity is associated with multiple diseases including cancers. .

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