Recombinant beta Catenin Monoclonal Antibody

catalog number: **E-AB-81445**

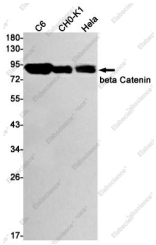
Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

Reactivity	Human;Mouse;Rat;Hamster
Immunogen	A synthetic peptide of human beta Catenin
Host	Rabbit
Isotype	Rabbit IgG
Clone	C123231
Purification	Affinity purification
Conjugation	Unconjugated
Buffer	50 mM Tris-Glycine (pH 7.4), 0.15 M NaCl, 40% Glycerol, 0.05% stabilizer and 0.05% protective protein.

Applications	Recommended Dilution
WB	1:1000-1:2000
IHC	1:50-1:100

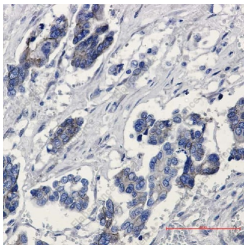
Data



Western blot detection of beta Catenin in C6,CHO-K1,Hela cell lysates using beta Catenin Rabbit mAb(1:1000 diluted).Predicted band size:86kDa.Observed band size:86kDa.

Observed-MW:86 kDa

Calculated-MW:86 kDa



Immunohistochemistry of beta Catenin in paraffin-embedded Human Cholangiocarcinoma using beta Catenin Rabbit mAb at dilution 1:50

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze/thaw cycles.
Shipping	The product is shipped with ice pack,upon receipt,store it immediately at the temperature recommended.

Background

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 a-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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