A20221

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β-Catenin Mouse mAb

Catalog No.: A20221 7 Publications

Basic Information

Observed MW
92kDa

Calculated MW
85kDa

Category
Monoclonal Antibody

Applications
WB,ELISA

Cross-Reactivity
Human,Mouse,Rat

Clone number
AMC0440

Background

The protein encoded by this gene is part of a complex of proteins that constitute adherens junctions (AJs). AJs are 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), pilomatrixoma (PTR), medulloblastoma (MDB), and ovarian cancer. Alternative splicing results in multiple transcript variants.

Recommended Dilutions

WB	1:1000 - 1:4000
ELISA	Recommended starting concentration is 1 μg/mL. Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene ID
1499

Swiss Prot
P35222

Immunogen
Synthetic peptide. This information is considered to be commercially sensitive.

Synonyms
EVR7; CTNNB; MRD19; NEDSDV; armadillo; β-Catenin

Contact

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Product Information

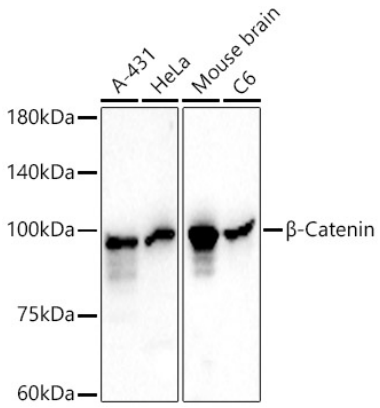
Source
Mouse

Isotype
IgG1,Kappa

Purification
Affinity purification

Storage
Store at -20℃

Validation Data



Western blot analysis of various lysates using β-Catenin Mouse mAb (A20221) at 1:1000 dilution.
Secondary antibody: HRP-conjugated Goat anti-Mouse IgG (H+L) (AS003) at 1:10000 dilution.
Lysates/proteins: 25μg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 30s.

For research use only. Not for therapeutic or diagnostic purposes.
Please visit https://abclonal.com for a complete listing of recommended products.