

A Reliable Research Partner in Life Science and Medicine

Recombinant β Catenin Monoclonal Antibody

catalog number: AN300903L

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

Description

Reactivity Human; Mouse; Rat

Immunogen Recombinant Human β Catenin protein

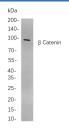
HostRabbitIsotype IgG,κ CloneB850PurificationProtein A

Buffer PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant.

Applications Recommended Dilution

IHC 1:1000-1:5000 WB 1:1000-1:5000

Data



Immunohistochemistry of paraffin-embedded rat iei

Western Blot with Recombinant β Catenin Monoclonal Antibody at dilution of 1:1000 dilution. Lane A: HCT116 cells.

Immunohistochemistry of paraffin-embedded rat jejunum using Recombinant β Catenin Monoclonal Antibody at dilution of 1:200.

Observed-MW:96 kDa Calculated-MW:84 kDa

Preparation & Storage

Storage Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.

Shipping lce bag

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.

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