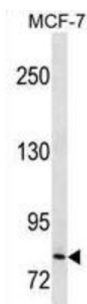


## Catenin Beta 1 (CTNNB1) Antibody

Catalogue No.: abx025451



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. Three transcript variants encoding the same protein have been found for this gene. This antibody is supplied as crude ascites.

**Target:** Catenin Beta 1 (CTNNB1)

**Clonality:** Monoclonal

**Reactivity:** Human

**Tested Applications:** ELISA, WB

**Host:** Mouse

**Recommended dilutions:** WB: 1/200 - 1/1600. Optimal dilutions/concentrations should be determined by the end user.

**Conjugation:** Unconjugated

**Immunogen:** KLH-conjugated synthetic peptide between 646-673 amino acids from human CTNNB1.

**Isotype:** IgM

**Form:** Liquid

**Purification:** Unpurified crude ascites.

**Storage:** Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.

**UniProt Primary AC:** P35222 ([UniProt](#), [ExPASy](#))

# Datasheet

Version: 3.0.0

Revision date: 20 Aug 2025



**Molecular Weight:** Calculated MW: 85.5 kDa

**Buffer:** Ascites containing 0.09% sodium azide.

**Specificity:** Predicted to react with Mouse, Rat, Cow, Zebrafish, Drosophila and Xenopus CTNNB1.

**Note:** THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.

For Reference Only