

Product overview

product name	Beta-catenin(ABT-Catenin) mouse Monoclonal Antibody
catalog No.	ATA25366
Category	Primary antibodies
Host	Mouse/IgG2b, Kappa
Species specificity	Human
Tested applications	IHC-p
Clonality	Monoclonal
Conjugation	Unconjugated
Immunogen	Synthesized peptide derived from human Beta-catenin

Product performance

Form	Liquid
Buffer	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	-20°C/1 year
Purity	The antibody was affinity-purified from mouse ascites by affinity-chromatography using specific immunogen.

Dilution range

WB 500-2000 IHC-p 1:100-500

Product background

catenin beta 1(CTNNB1) Homo sapiens 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), pilomatixoma (PTR), medulloblastoma (MDB), and ovarian cancer. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Aug 2016],

