

Catenin- β mouse mAb(4F2) antibody

Catalog No :	Source:	Concentration :	Mol.Wt. (Da):
A11676	Mouse	1 mg/ml	
Applications	WB,IF,IHC		
Reactivity	Human,Mouse,Rat		
Dilution	WB: 1:1000-2000 IHC: 1:200-500 IF 1:200		
Storage	-20°C/1 year		
Specificity	The antibody detects endogenous Catenin- β protein.		
Source / Purification	The antibody was affinity-purified from mouse ascites by affinity-chromatography using epitope-specific immunogen.		
Immunogen	Recombinant Protein of Catenin- β		
Uniprot No	P35222		
Alternative names	CTNNB1; CTNNB; OK/SW-cl.35; Catenin beta-1; Beta-catenin		
Form	PBS, pH 7.4, containing 0.5%BSA, 0.02% sodium azide as Preservative and 50% Glycerol.		
Clonality	Monoclonal		
Isotype	IgG		
Conjugation			
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), pilomatrixoma (PTR), medulloblastoma (MDB), and ovarian cancer. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Aug 2016],		
Other	CTNNB1, Catenin beta-1		
Product Images:			

Application Key:

WB-Western IP-Immunoprecipitation IHC-Immunohistochemistry ChIP-Chromatin Immunoprecipitation

IF-Immunofluorescence F-Flow Cytometry E-P-ELISA-Peptide

Species Cross-Reactivity Key:

H-Human M-Mouse R-Rat Hm-Hamster Mk-Monkey Vir-Virus Mi-Mink C-Chicken Dm-D. melanogaster

X-Xenopus Z-Zebrafish B-Bovine Dg-Dog Pg-Pig Sc-S. cerevisiae Ce-C. elegans Hr-Horse All-All

Species Expected

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