

bsm-34301R**[Primary Antibody]****phospho-Beta catenin (Ser675) Recombinant Rabbit mAb****BioSS**
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— DATASHEET —

Host: Rabbit	Isotype: IgG	Applications: WB (1:500-2000)
Clonality: Recombinant		Reactivity: (predicted: Human, Mouse, Rat)
GeneID: 1499	SWISS: P35222	
Target: Beta catenin (Ser675)		Predicted MW.: 86 kDa
Immunogen: KLH conjugated Synthesised phosphopeptide derived from human Beta-Catenin around the phosphorylation site of Ser675: RL(p-S)VE.		Subcellular Location: Cell membrane ,Cytoplasm ,Nucleus
Purification: affinity purified by Protein A		
Concentration: 1mg/ml		
Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.		
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), pilomatixoma (PTR), medulloblastoma (MDB), and ovarian cancer. Three transcript variants encoding the same protein have been found for this gene.[provided by RefSeq, Oct 2009].		