b-Catenin(Phospho-Ser33) Antibody

Catalog No: #11218

Package Size: #11218-1 50ul #11218-2 100ul



Orders: order@signalwayantibody.com Support: tech@signalwayantibody.com

Description			
Product Name	b-Catenin(Phospho-Ser33) Antibody		
Host Species	Rabbit		
Clonality	Polyclonal		
Purification	Antibodies were produced by immunizing rabbits with synthetic phosphopeptide and KLH conjugates.		
	Antibodies were purified by affinity-chromatography using epitope-specific phosphopeptide. Non-phospho		
	specific antibodies were removed by chromatogramphy using non-phosphopeptide.		
Applications	WB IHC IF		
Species Reactivity	Hu Ms Rt		
Specificity	The antibody detects endogenous level of b-Catenin only when phosphorylated at serine 33.		
Immunogen Type	Peptide-KLH		
Immunogen Description	Peptide sequence around phosphorylation site of serine 33 (L-D-S(p)-G-I) derived from Human b-Catenin.		
Target Name	b-Catenin		
Modification	Phospho		
Other Names	CTNNB1; CATNB; CTNB1; CTNNB;		
Accession No.	Swiss-Prot: P35222NCBI Protein: NP_001091679.1		
Uniprot	P35222		
GenelD	1499;		
Concentration	1.0mg/ml		
Formulation	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02%		
	sodium azide and 50% glycerol.		
Storage	Store at -20°C for long term preservation (recommended). Store at 4°C for short term use.		

Application Details		
Predicted MW: 92kd		
Western blotting: 1:500~1:100	000	
Immunohistochemistry: 1:50~1	~1:100	

Images



Western blot analysis of extracts from MCF-7 cells untreated or treated with Calyculin A using b-Catenin(Phospho-Ser33) Antibody #11218.



Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using b-Catenin(Phospho-Ser33) Antibody #11218(left) or the same antibody preincubated with blocking peptide(right).

Background

Involved in the regulation of cell adhesion and in signal transduction through the Wnt pathway. Novak A, et al. (1998) Proc Natl Acad Sci U S A; 95(8): 4374-4379 Marin O, et al. (2003) Proc Natl Acad Sci U S A; 100(18): 10193-10200 Okamura H, et al. (2004) Mol Cell Biol; 24(10): 4184-4195 Xing Y, et al. (2003) Genes Dev; 17(22): 2753-2764 Barth AI, et al. (1999) Proc Natl Acad Sci U S A; 96(9): 4947-4952

Note: This product is for in vitro research use only