

## b-Catenin(Phospho-Ser33) Antibody

Catalog No: #11218



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

Orders: [order@signalwayantibody.com](mailto:order@signalwayantibody.com)Support: [tech@signalwayantibody.com](mailto: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 chromatography 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
GeneID	1499;
Concentration	1.0mg/ml
Formulation	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg <sup>2+</sup> and Ca <sup>2+</sup> ), 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.

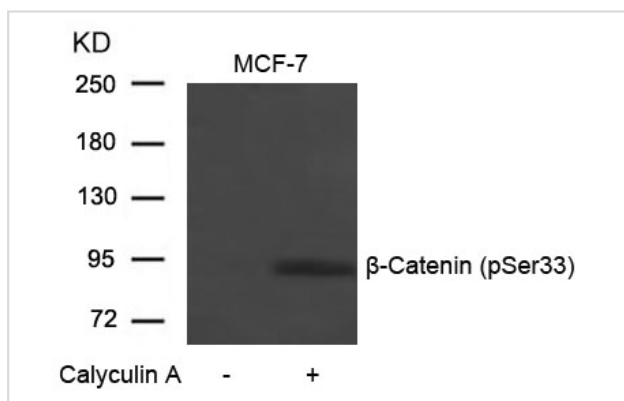
## Application Details

Predicted MW: 92kd

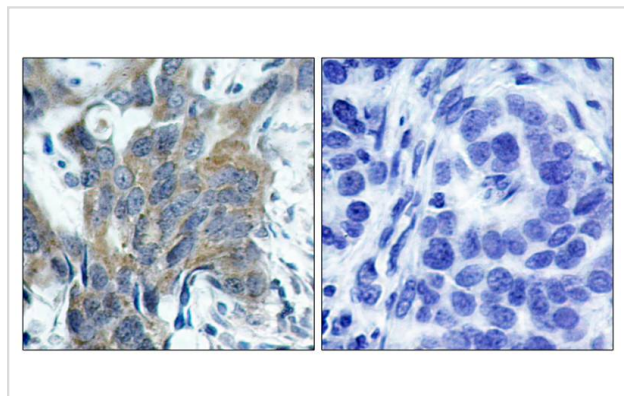
Western blotting: 1:500~1:1000

Immunohistochemistry: 1:50~1:100

## 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