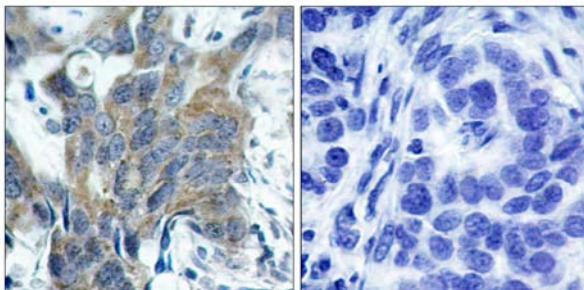




# β-Catenin (Phospho-Ser33) Antibody

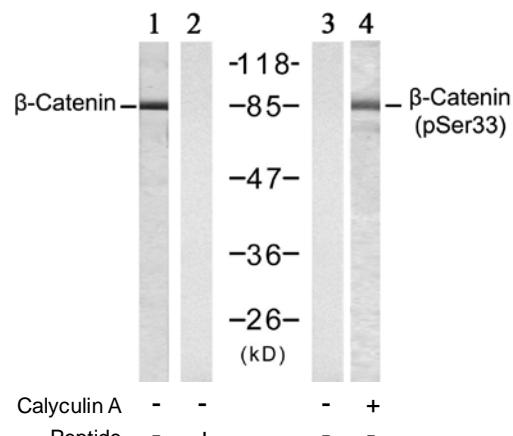
E011218

<b>Catalog Number:</b>	E011218-1, E011218-2
<b>Amount:</b>	50µg/50µl, 100µg/100µl
<b>Swiss-Prot No.:</b>	P35222
<b>Form of Antibody:</b>	Rabbit IgG 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.
<b>Storage/Stability:</b>	Store at -20°C/1 year
<b>Immunogen:</b>	The antiserum was produced against synthesized phosphopeptide derived from human β-Catenin around the phosphorylation site of serine 33 (L-D-S <sup>P</sup> -G-I).
<b>Purification:</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific phosphopeptide. The antibody against non-phosphopeptide was removed by chromatography using non-phosphopeptide corresponding to the phosphorylation site.
<b>Specificity/Sensitivity:</b>	β-Catenin (phospho-Ser33) antibody detects endogenous levels of β-Catenin only when phosphorylated at serine 33.
<b>Reactivity:</b>	Human, Mouse, Rat
<b>Applications:</b>	WB: 1:500~1:1000      IHC: 1:50-1:100
<b>References:</b>	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



## P-Peptide -

Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue, using  $\beta$ -Catenin (aa268-286, Ser232) antibody (E011218)



Western blot analysis of extracts from SW 626 cells, untreated or treated with Calyculin A (50nM, 30min), using  $\beta$ -Catenin (Ab-33) antibody (E021211, Lane 1 and 2) and  $\beta$ -Catenin (phospho-Ser33) antibody (E011218, Lane 3 and 4).

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