



## β-Catenin (Phospho-Ser37) Antibody

E011219

**Catalog Number:** E011219-1, E011219-2

**Amount:** 50µg/50µl, 100µg/100µl

**Swiss-Prot No.:** P35222

**Form of Antibody:** Rabbit IgG in phosphate buffered saline (without  $Mg^{2+}$  and  $Ca^{2+}$ ), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

**Storage/Stability:** Store at -20°C/1 year

**Immunogen:** The antiserum was produced against synthesized phosphopeptide derived from human β-Catenin around the phosphorylation site of serine 37 (I-H-S<sup>P</sup>-G-A).

**Purification:** 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.

**Specificity/Sensitivity:** β-Catenin (phospho-Ser37) antibody detects endogenous levels of β-Catenin only when phosphorylated at serine 37.

**Reactivity:** Human, Mouse, Rat

**Applications:** WB: 1:500~1:1000 IHC: 1:50~1:100

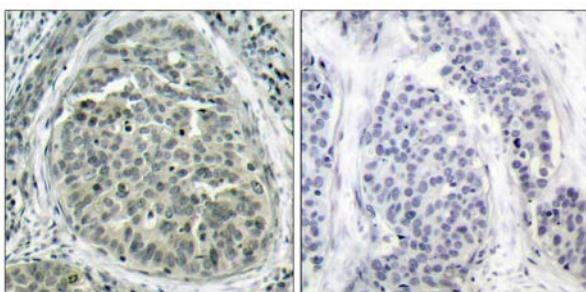
**References:** Novak A, et al. (1998) Proc Natl Acad Sci U S A; 95(8): 4374-4379

Marin O, et al. (2003) Proc Natl Acad Sci U S A; 100(18): 10193-10200

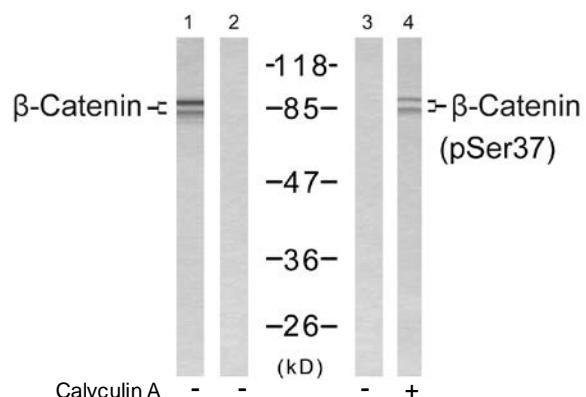
Okamura H, et al. (2004) Mol Cell Biol; 24(10): 4184-4195

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 β-Catenin (phospho-Ser37) antibody (E011219).



Western blot analysis of extract from SW 626 cells, using β-Catenin (Ab-37) antibody (E021212, Lane 1 and 2) and β-Catenin (phospho-Ser37) antibody (E011219, Lane 3 and 4).  
Calyculin A Peptide - - - + + - -