



## β-Catenin (Phospho-Thr41/Ser45) Antibody

E011116

**Catalog Number:** E011116-1, E011116-2

**Amount:** 50µg/50µl, 100µg/100µl

**Form of Antibody:** 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.

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

**Immunogen:** The antiserum was produced against synthesized phosphopeptide derived from humanβ-Catenin around the phosphorylation site of threonine 41/serine 45 (A-T-T<sup>P</sup>-T-A-P-S<sup>P</sup>-L-S).

**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-Thr41/Ser45) antibody detects endogenous levels of β-Catenin only when phosphorylated at threonine 41/serine 45.

**Reactivity:** Human, Mouse, Rat

**Applications:** WB: 1:500~1:1000

**Swiss-Prot No. :** P35222

**References:** Provost E, et al. (2003) J Biol Chem 22; 278(34): 31781-9.

Sakanaka C, et al. (2003) J Biochem (Tokyo); 132(5): 697-703.

Amit S, et al. (2002) Genes Dev; 16(9): 1066-76.

Liu C, et al. (2002) Cell; 108(6): 837-47.

Provost E, et al. (2005) Oncogene; 24(16): 2667-76.

