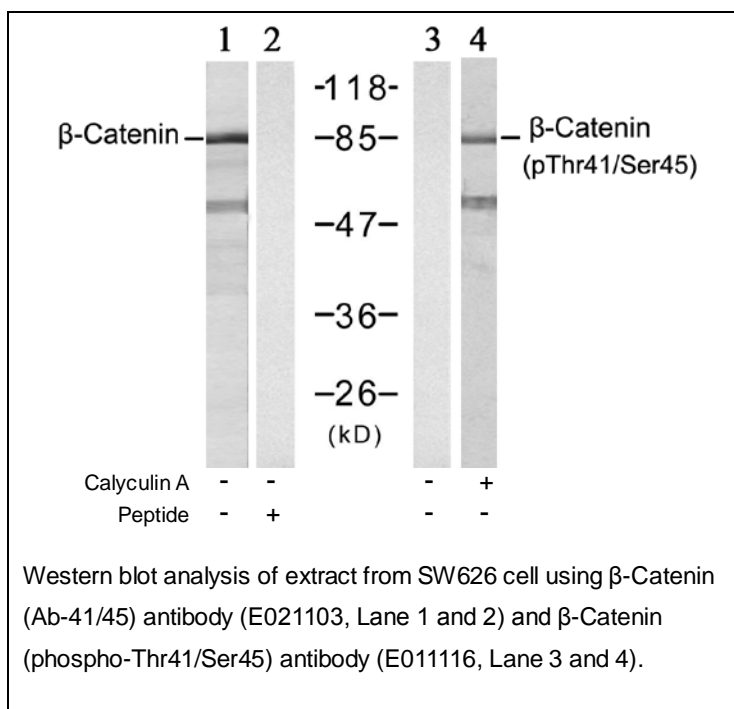




## $\beta$ -Catenin (Phospho-Thr41/Ser45) Antibody

E011116

- Catalog Number:** E011116-1, E011116-2
- Amount:** 50 $\mu$ g/50 $\mu$ l, 100 $\mu$ g/100 $\mu$ l
- 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 human  $\beta$ -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:**  $\beta$ -Catenin (phospho-Thr41/Ser45) antibody detects endogenous levels of  $\beta$ -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 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.



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