



β -Catenin (Phospho-Thr41/Ser45) Antibody Blocking Peptide

#51116

Catalog Number: 51116

Amount: 100 μ g/100 μ l

Form of Peptide: Peptide in 10 mM phosphate buffered saline (without Mg²⁺ and Ca²⁺), pH 7.4, 150mM NaCl, 0.1 mM EDTA, 1 mg/ml BSA, 5% DMF and 5% glycerol.

Peptide Information: The synthesized phosphopeptide was derived from human β -Catenin around the phosphorylation site of threonine 41/serine 45 (A-T-T^P-T-A-P-S^P-L-S).

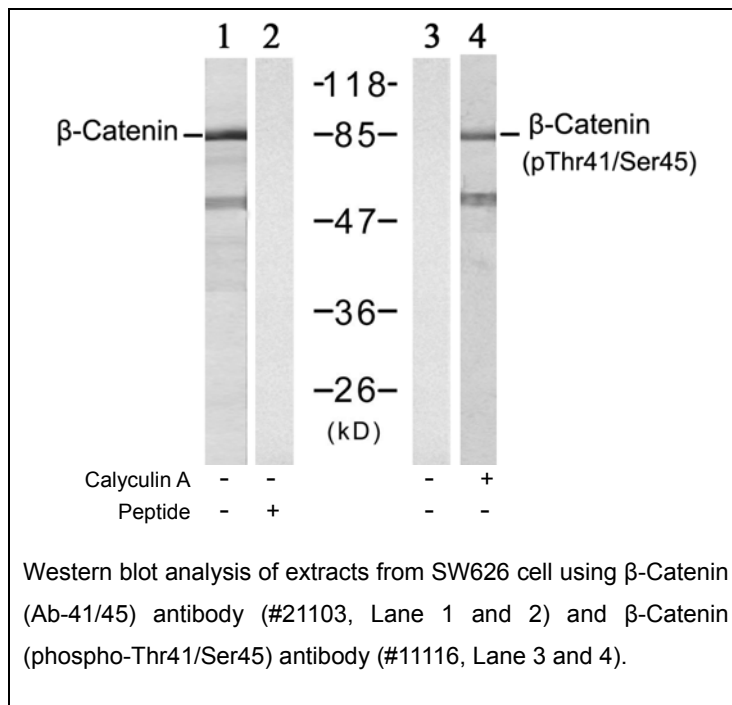
Storage: Store at -20 $^{\circ}$ C.

Quality Control: The quality of the peptide was evaluated by reversed-phase HPLC and mass spectrometry.

Specificity: The peptide specifically blocks the signal of β -Catenin (phospho-Thr41/Ser45) antibody (#11116) completely in Western blotting.

Applications: For Western blotting: add 10 μ l of antibody and 10 μ l of blocking peptide to 10 ml of antibody dilution buffer, and incubate at 4 $^{\circ}$ C over night or at room temperature for 2 hours before allowing to react with the blot.

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.



For Research Use Only