



## β-Catenin (Phospho-Ser33) Antibody

E11-7022A

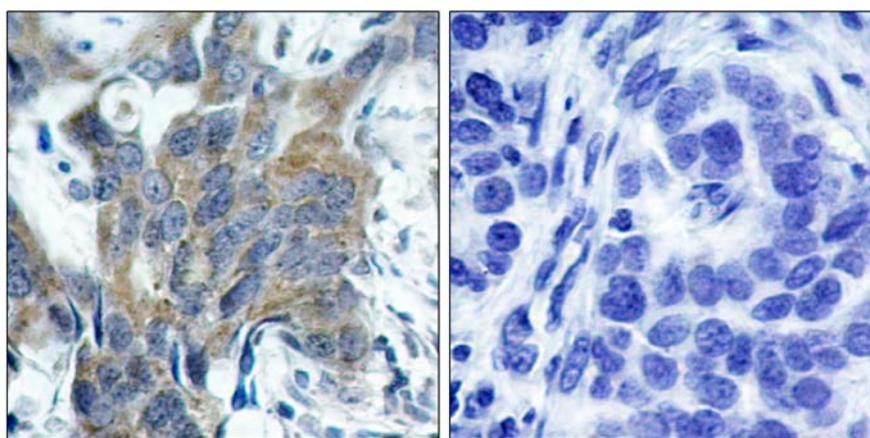
**Catalog Number:** E11-7022A**Amount:** 100µg/100µl**Swiss-Prot No.:** P35222**All Names:** CATNB, CTNB1, CTNNB1, catenin, beta**All Sites:** Human: Ser33; Mouse: Ser33; Rat: Ser33**Form of Antibody:** Rabbit IgG in phosphate buffered saline (without Mg<sup>2+</sup> and Ca<sup>2+</sup>), pH 7.4, 150mM 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 β-Catenin around the phosphorylation site of serine 33 (L-D-S<sup>P</sup>-G-I).**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-Ser33) antibody detects endogenous levels of β-Catenin only when phosphorylated at serine 33.**Reactivity:** Human, Mouse, Rat**Applications:** IHC: 1:50~1:100      ELISA: 1:10000**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

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Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using β-Catenin (phospho-Ser33) antibody.

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