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www.bioss.com.cn

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400-901-9800

**phospho-Beta Catenin (T41/S45) Recombinant Rabbit mAb****— DATASHEET —****Host:** Rabbit**Isotype:** IgG**Clonality:** Recombinant**CloneNo.:** 1B5**GeneID:** 1499**SWISS:** P35222**Target:** Beta Catenin (T41/S45)**Immunogen:** A synthesized peptide derived from human beta Catenin around the phosphorylation site of T41/S45: SGAT-pT-TAP-pS-LSGK.**Purification:** affinity purified by Protein A**Storage:** 10mM phosphate buffered saline(pH 7.4) with 150mM sodium chloride, 0.05% BSA, 0.02% Proclin300 and 50% glycerol. Store at 4°C for short term. Store at -20°C for long term. Avoid repeated freeze/thaw cycles.**Background:** Beta-catenin is an adherens junction protein. Adherens junctions (AJs; also called the zonula adherens) are critical for the establishment and maintenance of epithelial layers, such as those lining organ surfaces. AJs mediate adhesion between cells, communicate a signal that neighboring cells are present, and anchor the actin cytoskeleton. In serving these roles, AJs regulate normal cell growth and behavior.**Applications:** WB (1:1000-2000)**Reactivity:** Human, Mouse, Rat**Predicted MW.:** 85 kDa**Subcellular Location:** Cell membrane ,Cytoplasm ,Nucleus