

## B-CATENIN(G48D)

产品名称:  $\beta$ -Catenin(G48D) 小鼠单抗

货号: 26166

基因符号: CTNNB1, CTNNB

描述:  $\beta$ -catenin(G48D) 小鼠单抗

背景: Beta-catenin (or  $\beta$ -catenin) is a protein that in humans is encoded by the CTNNB1 gene.  $\beta$ -catenin is a subunit of the cadherin protein complex and also acts as an intracellular signal transducer in the Wnt signaling pathway. Deregulation of beta-catenin signaling is an important event in the genesis of a number of malignancies, such as colon cancer, melanoma, hepatocellular carcinoma, ovarian cancer, endometrial cancer, medulloblastoma pilomatricomas, and prostate cancer.

免疫原: A synthetic peptide from the internal region of  $\beta$ -catenin which includes the mutation of G48D, human origin.

经过测试的应用: ELISA, WB, IF, IHC

推荐稀释比: ELISA: 1:1000-1:5000WB: 1:500-1:2000IHC: 1:50-1:100

**Concentration:** 1 mg/ml

种属反应性: Mouse

形式: Liquid

克隆性: Monoclonal

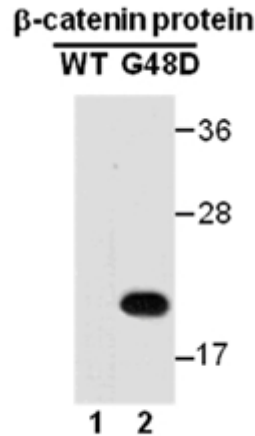
亚型: IgG

纯化: Purified from ascites

成分: PBS (without  $Mg^{2+}$  and  $Ca^{2+}$ ), pH 7.4, 150 mM NaCl, 50% glycerol

种属反应性: Recognizes  $\beta$ -catenin (G48D), but not wild type  $\beta$ -catenin protein from vertebrates.

储存条件: Store at  $-20^{\circ}C$ . Avoid repeated freezing and thawing



**蛋白质印迹:** **WB: Anti-β-catenin(G48D) mAb** Western blot analysis of recombinant β-catenin (G48D) and wild type proteins. Purified His-tagged β-catenin (G48D) protein (amino acids 1-76, lane 2) and corresponding wild type protein (lane 1) were blotted with anti- β-catenin (G48D) 小鼠单抗 (货号:26166).

**Immunofluorescence:** Immunofluorescence of cells expressing β-catenin proteins with anti- β-catenin (G48D) antibody. HEK293T cells were transfected with pCDNA3-GFP-β-catenin (WT) plasmid (left column) or pCDNA3-GFP-β-catenin (G48D) plasmid (right column), then fixed and stained with anti- β-catenin (G48D) antibody (货号:26166).

