

B-CATENIN(G48D)

β-Catenin(G48D)

货号: 26166

基因符号: CTNNB1, CTNNB

描述: β-catenin(G48D) 小鼠单克隆抗体

背景: Beta-catenin (or β-catenin) is a protein that in humans is encoded by the CTNNB1 gene. β-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 β-catenin which includes the mutation of G48D, human origin.

经过测试的应用: ELISA, WB, IF, IHC

推荐稀释度:

ELISA: 1:1000-1:5000

WB: 1:500-1:2000

IHC: 1:50-1:100

浓度: 1 mg/ml

种属反应性: Mouse

形式: Liquid

克隆性: Monoclonal

亚型: IgG

纯化: Purified from ascites

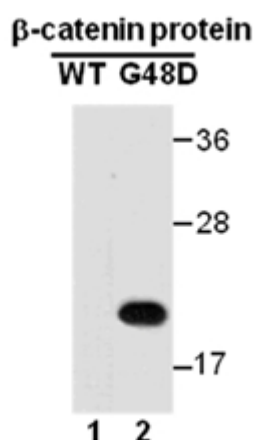
Preservative: No

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

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

储存条件: Store at -20°C. Avoid repeated freezing and thawing

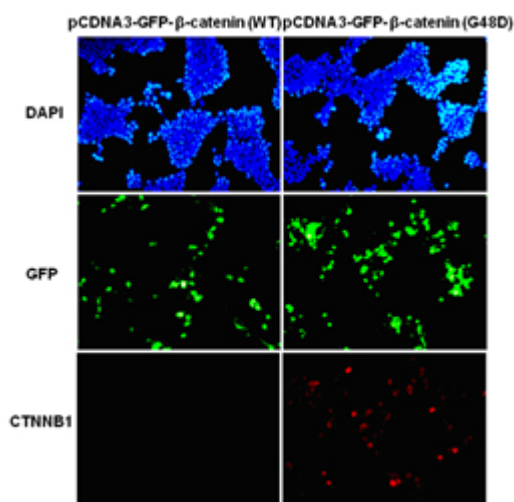
Western blot:



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 β-catenin (G48D) mouse monoclonal antibody (货号26166).

Immunofluorescence:



Immunofluorescence of cells expressing β-catenin proteins with 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 β-catenin (G48D) monoclonal antibody (货号26166).