

CTNNB1(S45P)

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货号: 26307

基因符号: Beta catenin, CTNNB, Catenin beta-1

描述: CTNNB1(S45P) 小鼠单克隆抗体

背景: CTNNB1 protein is a dual function protein. It is a subunit of a complex of proteins that form adherent CTNNB1(S45P) 小鼠单克隆抗体 junctions, which are important for the establishment and maintenance of epithelial cell layers by regulating cell growth and adhesion between adjacent cells. CTNNB1 protein also pulls double duty as an intracellular signal transducer in the Wnt signaling pathway. Mutations of CTNNB1 have been implicated in the pathogenesis of several cancers.

免疫原: A synthetic peptide from the internal region of CTNNB1 which includes the mutation of S45P, human origin.

经过测试的应用: ELISA, IF, IHC

推荐稀释度:

ELISA: 1:1000-1:2000

IF: 1:50-1:100

IHC: 1:50-1:100

浓度: 0.5 mg/ml

种属反应性: Mouse

形式: Liquid

克隆性: Monoclonal

亚型: IgG

纯化: Purified from ascites

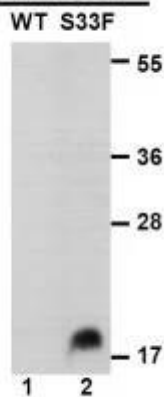
Preservative: No

成分: PBS (without Mg²⁺ and Ca²⁺), pH 7.4, 150 mM NaCl, 50% glycerol

种属反应性: Recognizes S45P mutant, but not wild type CTNNB1 of vertebrates.

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

CTNNB1 protein



WB: anti-CTNNB1 (S33F) mAb

Immunofluorescence of cells expressing CTNNB1 proteins with anti CTNNB1(S45P) antibody.

HEK293T cells were transfected with pCDNA3-GFP CTNNB1(S45P) plasmid, pCDNA3-GFP CTNNB1(WT) plasmid pCDNA3-GFP CTNNB1(S45F) plasmid or pCDNA3-GFP CTNNB1(S45Y) plasmid, then fixed and stained with anti CTNNB1(S45P) monoclonal antibody (货号26307).