

Product Description

Pioneering GTPase and Oncogene Product Development since 2010

CTNNB1(S45P)

CTNNB1(S45P)

Cat. #: 26307

Gene Symbol: Beta-catenin, CTNNB, Catenin beta-1

Description: Anti-CTNNB1(S45P) Mouse Monoclonal Antibody

Background: CTNNBI protein is a dual function protein. It is a subunit of a complex of proteins that from adherent junctions, which are important for the establishment and maintenance of epithelial cell layers by regulating cell growth and adhesion between adjacent cells. CTNNBI protein also pulls double duty as an intracellular signal transducer in the Wnt signaling pathway. Mutations of CTNNBI have been implicated in the pathogenesis of several cancers.

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

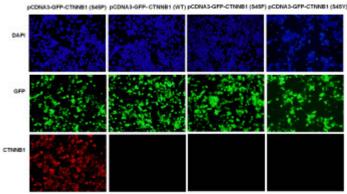
Applications: ELISA, IF, IHC **Recommended Dilutions:** ELISA: 1:1000-1:2000 IF: 1:50-1:100 IHC: 1:50-1:100 **Concentration:** 0.5 mg/ml Host Species: Mouse Format: Liquid **Clonality:** Monoclonal Isotype: IgG Purity: Purified from ascites **Preservative:** No **Constituents:** PBS (without Mg2+ and Ca2+), pH 7.4, 150 mM NaCl, 50% glycerol Species Reactivity: Recognizes S45P mutant, but not wild type CTNNB1 of vertebrates. Storage Conditions: Store at -20°C. Avoid freeze/thaw cycles



Product Description

Pioneering GTPase and Oncogene Product Development since 2010

Immunofluorescence::



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 (Cat. #26307).