

À des fins de recherche uniquement

Anticorps Recombinant de lapin anti-Phospho-Beta Catenin (Ser33)



Numéro de catalogue: CL488-80067

Informations de base

Numéro de catalogue: CL488-80067	Numéro d'acquisition GenBank: BC058926	Méthode de purification: Purification par protéine A
Taille: 100ul , Concentration: 1000 µg/ml by Nanodrop;	Identification du gène (NCBI): 1499	CloneNo.: 3K1
Hôte: Lapin	Nom complet: catenin (cadherin-associated protein), beta 1, 88kDa	Excitation/Emission maxima wavelengths: 493 nm / 522 nm
Isotype: IgG	MW calculé 781 aa, 86 kDa	
	MW observés: 90 kDa	

Applications

Applications testées:
FC (Intra)

Spécificité de l'espèce:
Humain

Informations générales

β -Catenin, also known as CTNNB1, is an evolutionarily conserved, multifunctional intracellular protein. β -Catenin was originally identified in cell adherens junctions (AJs) where it functions to bridge the cytoplasmic domain of cadherins to α -catenin and the actin cytoskeleton. Besides its essential role in the AJs, β -catenin is also a key downstream component of the canonical Wnt pathway that plays diverse and critical roles in embryonic development and adult tissue homeostasis. The Wnt/ β -catenin pathway is also involved in the activation of other intracellular messengers such as calcium fluxes, JNK, and SRC kinases. Deregulation of β -catenin activity is associated with multiple diseases including cancers. (PMID: 22617422; 18334222). CK1 phosphorylates β -Catenin at Ser45. This phosphorylation event primes β -Catenin for subsequent phosphorylation by GSK-3 β . GSK-3 β destabilizes β -catenin by phosphorylating it at Ser33, Ser37, and Thr41. Mutations at these sites result in the stabilization of β -Catenin protein levels and have been found in many tumor cell lines.

Stockage

Stockage:
Stocker à -20 °C. Éviter toute exposition à la lumière.

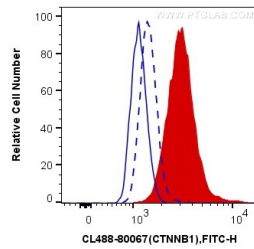
Tampon de stockage:
PBS avec glycérol à 50 %, Proclin300 à 0,05 % et BSA à 0,5 %, pH 7,3.
L'aliquotage n'est pas nécessaire pour le stockage à -20C

*** Les 20ul contiennent 0,1% de BSA.

For technical support and original validation data for this product please contact:
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Données de validation sélectionnées



1X10⁶ PC-3 cells untreated (dashed lines) or treated with Calyculin A (red) were intracellularly stained with 0.5 ug CoraLite® Plus 488 Anti-Human Phospho-Beta Catenin (Ser33) (CL488-80067, Clone:3K1), or 0.5 ug Control Antibody (blue). Cells were fixed with 4% PFA and permeabilized with 90% MeOH.