

À des fins de recherche uniquement

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



Numéro de catalogue: **CL647-80067**

Informations de base

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| Numéro de catalogue: CL647-80067 | 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: 654 nm / 674 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-3β. GSK-3β 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.**

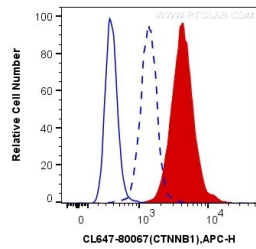
For technical support and original validation data for this product please contact:

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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 0.13 ug Coralite® Plus 647 Anti-Human Phospho-Beta Catenin (Ser33) (CL647-80067, Clone:3K1), or 0.13 ug Control Antibody (blue). Cells were fixed with 4% PFA and permeabilized with 90% MeOH.