

À des fins de recherche uniquement

Anticorps Monoclonal anti-Phospho-GSK3B (Ser9)



Numéro de catalogue: CL488-67558

Informations de base

Numéro de catalogue: CL488-67558	Numéro d'acquisition GenBank: NM_002093	Méthode de purification: Purification par protéine G
Taille: 100ul , Concentration: 1000 µg/ml by Nanodrop;	Identification du gène (NCBI): 2932	CloneNo.: 1C9E2
Hôte: Mouse	Nom complet: glycogen synthase kinase 3 beta	Dilutions recommandées: IF 1:50-1:500
Isotype: IgG1	MW observés: 48 kDa	Excitation/Emission maxima wavelengths: 493 nm / 522 nm

Applications

Applications testées: FC (Intra), IF	Contrôles positifs: IF : cellules PC-3 traitées à la calyculine A,
Spécificité de l'espèce: Humain	

Informations générales

Glycogen synthase kinase-3 (GSK3) is a proline-directed serine-threonine kinase that was initially identified as a phosphorylating and inactivating glycogen synthase. GSK3B is involved in energy metabolism, neuronal cell development, and body pattern formation. In skeletal muscle, it contributes to INS regulation of glycogen synthesis by phosphorylating and inhibiting GYS1 activity and hence glycogen synthesis. Researches showed that the crystal structure of human GSK3B, expressed in insect cells, at 2.8-angstrom resolution.

Stockage

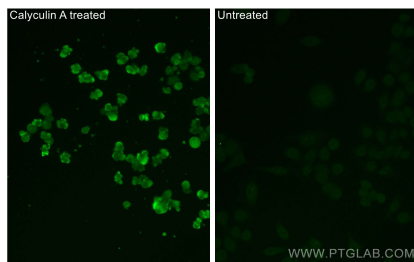
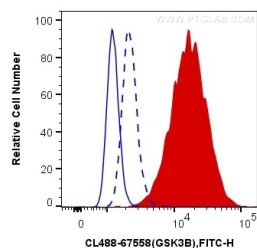
Stockage:
Stocker à -20 °C. Éviter toute exposition à la lumière.
Tampon de stockage:
PBS avec glycérol à 50 %, Proclin300 à 0,05 % et BSA à 0,5 %, pH 7,3.
L'aliquotage n'est pas nécessaire pour le stockage à -20C

*** 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 488 Anti-Human Phospho-GSK3B (Ser9) (CL488-67558, Clone:1C9E2), or 0.13 ug Control Antibody (blue). Cells were fixed with 4% PFA and permeabilized with 90% MeOH.

Immunofluorescent analysis of (4% PFA) fixed Calyculin A treated PC-3 cells and non-treated PC-3 cells using CoraLite® Plus 488 Phospho-GSK3B (Ser9) antibody (CL488-67558, Clone: 1C9E2) at dilution of 1:100.