

À des fins de recherche uniquement

Anticorps Monoclonal anti-GSK3B

Numéro de catalogue: CL488-67329



Informations de base

Numéro de catalogue: CL488-67329	Numéro d'acquisition GenBank: BC000251	Méthode de purification: Purification par protéine G
Taille: 100ul , Concentration: 1000 µg/ml by Nanodrop;	Identification du gène (NCBI): 2932	CloneNo.: 2E9E4
Hôte: Mouse	Nom complet: glycogen synthase kinase 3 beta	Dilutions recommandées: IF 1:50-1:500
Isotype: IgG1	MW calculé 433 aa, 48 kDa	Excitation/Emission maxima wavelengths: 493 nm / 522 nm
Immunogen Catalog Number: AG17320	MW observés: 46-48 kDa	

Applications

Applications testées: FC (Intra), IF	Contrôles positifs: IF : cellules HeLa,
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 insulin 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.**

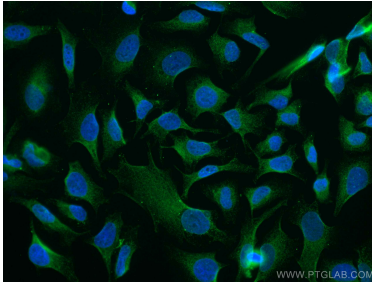
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free
in USA), or 1(312) 455-8498 (outside USA)

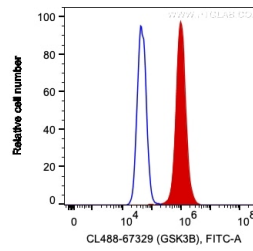
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Données de validation sélectionnées



Immunofluorescent analysis of (4% PFA) fixed HeLa cells using CoraLite® Plus 488 GSK3B antibody (CL488-67329, Clone: 2E9E4) at dilution of 1:100.



1X10⁶ HeLa cells were intracellularly stained with 0.2 ug CoraLite® Plus 488 Anti-Human GSK3B (CL488-67329, Clone:2E9E4) (red), or 0.2 ug Mouse IgG1 Isotype Control (CL488-66360, Clone: T1F8D3F10) (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).