

Nur für Forschungszwecke

Phospho-GSK3B (Ser9) Monoklonaler Antikörper



Katalog-Nr.:CL488-67558

Allgemeine Informationen

Katalog-Nr.: CL488-67558	GenBank-Zugangsnummer: NM_002093	Reinigungsmethode: Protein-G-Reinigung
Größe: 100ul , Konzentration: 1000 µg/ml von2932 Nanodrop;	GeneID (NCBI): von2932	CloneNo.: 1C9E2
Wirt: Maus	Vollständiger Name: glycogen synthase kinase 3 beta	Empfohlene Verdünnungen: IF 1:50-1:500
Isotyp: IgG1	Beobachteté Masse: 48 kDa	Anregungs-/Emissionsmaxima-Wellenlängen: 493 nm / 522 nm

Anwendungen

Geprüfte Anwendungen: FC (Intra), IF	Positivkontrollen: IF : Mit Calyculin A behandelte PC-3-Zellen,
Getestete Reaktivität: Human	

Hintergrundinformationen

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 .

Lagerung

Lagerungsbedingungen:
Bei -20°C lagern. Vor Licht schützen.
Lagerungspuffer:
BS mit 50% Glycerin, 0,05% Proclin300, 0,5% BSA, pH 7,3.
Aliquotieren ist nicht notwendig bei -20°C Lagerung

***** 20ul-Größen enthalten 0.1% BSA**

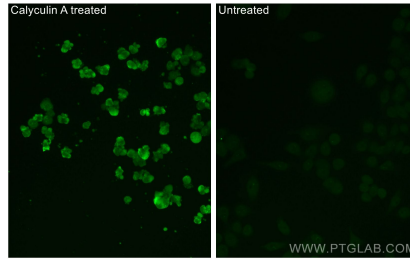
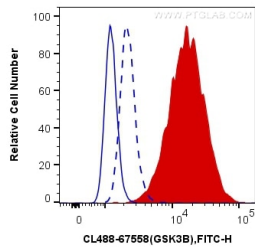
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Ausgewählte Validierungsdaten



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.