

Nur für Forschungszwecke

# GSK3B Monoklonaler Antikörper

Katalog-Nr.:CL647-67329



## Allgemeine Informationen

<b>Katalog-Nr.:</b> CL647-67329	<b>GenBank-Zugangsnummer:</b> BC000251	<b>Reinigungsmethode:</b> Protein-G-Reinigung
<b>Größe:</b> 100ul , Konzentration: 1000 µg/ml von2932 Nanodrop;	<b>GeneID (NCBI):</b> 2E9E4	<b>CloneNo.:</b> 2E9E4
<b>Wirt:</b> Maus	<b>Vollständiger Name:</b> glycogen synthase kinase 3 beta	<b>Anregungs-/Emissionsmaxima- Wellenlängen:</b> 654 nm / 674 nm
<b>Isotyp:</b> IgG1	<b>Berechnete Masse:</b> 433 aa, 48 kDa	
<b>Immunogen Katalognummer:</b> AG17320	<b>Beobachtete Masse:</b> 46-48 kDa	

## Anwendungen

**Geprüfte Anwendungen:**  
FC (Intra)

**Getestete Reaktivität:**  
Hausschwein, 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 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 .

## Lagerung

**Lagerungsbedingungen:**  
Bei -20°C lagern. Vor Licht schützen. Nach dem Versand ein Jahr stabil.

**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

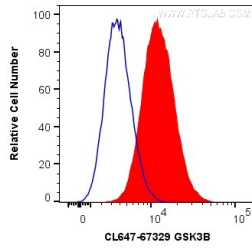
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## Ausgewählte Validierungsdaten



1X10<sup>6</sup> HepG2 cells were intracellularly stained with 0.2 ug CoraLite® Plus 647 Anti-Human GSK3B (CL647-67329, Clone:2E9E4) (red), or 0.2 ug isotype control (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).