

Allgemeine Informationen

Katalog-Nr.: CL594-66427	GenBank-Zugangsnummer: BC020868	Reinigungsmethode: Protein-A-Reinigung
Größe: 100ul , Konzentration: 1000 µg/ml von6777 Nanodrop;	GeneID (NCBI): 100ul , Konzentration: 1000 µg/ml von6777	CloneNo.: 1D9B11
Wirt: Maus	Vollständiger Name: signal transducer and activator of transcription 5B	Empfohlene Verdünnungen: IF 1:50-1:500
Isotyp: IgG2a	Berechnete Masse: 787 aa, 90 kDa	Anregungs-/Emissionsmaxima- Wellenlängen: 588 nm / 604 nm
Immunogen Katalognummer: AG2709	Beobachtete Masse: 90 kDa	

Anwendungen

Geprüfte Anwendungen: FC (Intra), IF	Positivkontrollen: IF : HepG2-Zellen,
Getestete Reaktivität: Human	

Hintergrundinformationen

STAT5B belongs to the transcription factor STAT family. In response to cytokines and growth factors, STAT family members are phosphorylated by the receptor associated kinases, and then form homo- or heterodimers that translocate to the cell nucleus where they act as transcription activators. STAT5B carries out a dual function: signal transduction and activation of transcription. STAT5B mediates the signal transduction triggered by various cell ligands, such as IL2, IL4, CSF1, and different GH. It has been shown to be involved in diverse biological processes, such as TCR signaling, apoptosis, adult mammary gland development, and sexual dimorphism of liver gene expression.

Lagerung

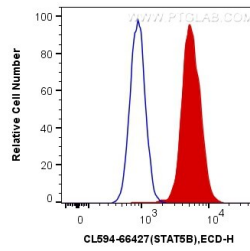
Lagerungsbedingungen:
Bei -20°C lagern. Vor Licht schützen. Nach dem Versand ein Jahr stabil.
Lagerungspuffer:
BS mit 50% Glycerin, 0,05% Proclin300, 0,5% BSA, pH 7,3.
Aliquotieren ist nicht notwendig bei -20°C Lagerung

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

Ausgewählte Validierungsdaten



Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using CoraLite®594 STAT5B antibody (CL594-66427, Clone: 1D9B11) at dilution of 1:200, CL488-Phalloidin (green).



1X10⁶ HepG2 cells were intracellularly stained with 0.4 ug CoraLite®594 Anti-Human STAT5B (CL594-66427, Clone:1D9B11) (red), or 0.4 ug Mouse IgG2a Isotype Control (CL594-66360-2, Clone: K11A1B2A2) (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).