

Nur für Forschungszwecke

# STAT5B Monoklonaler Antikörper

Katalog-Nr.:CL488-66427



## Allgemeine Informationen

<b>Katalog-Nr.:</b> CL488-66427	<b>GenBank-Zugangsnummer:</b> BC020868	<b>Reinigungsmethode:</b> Protein-A-Reinigung
<b>Größe:</b> 100ul, Konzentration: 1000 µg/ml von6777 Nanodrop;	<b>GeneID (NCBI):</b> von6777	<b>CloneNo.:</b> 1D9B11
<b>Wirt:</b> Maus	<b>Vollständiger Name:</b> signal transducer and activator of transcription 5B	<b>Empfohlene Verdünnungen:</b> IF 1:50-1:500
<b>Isotyp:</b> IgG2a	<b>Berechnete Masse:</b> 787 aa, 90 kDa	<b>Anregungs-/Emissionsmaxima- Wellenlängen:</b> 493 nm / 522 nm
<b>Immunogen Katalognummer:</b> AG2709	<b>Beobachtete Masse:</b> 90 kDa	

## Anwendungen

<b>Geprüfte Anwendungen:</b> FC (Intra), IF	<b>Positivkontrollen:</b> IF : HepG2-Zellen,
<b>Getestete Reaktivität:</b> 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

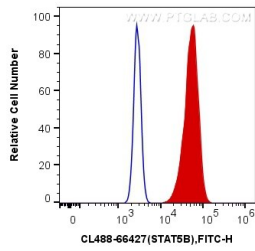
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## Ausgewählte Validierungsdaten



$1 \times 10^6$  HeLa cells were intracellularly stained with 0.4  $\mu\text{g}$  CoraLite® Plus 488 Anti-Human STAT5B (CL488-66427, Clone:1D9B11) (red), or 0.4  $\mu\text{g}$  Mouse IgG2a Isotype Control (CL488-66360-2, Clone: K11A1B2A2) (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).

Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using CoraLite® Plus 488 STAT5B antibody (CL488-66427, Clone: 1D9B11) at dilution of 1:200, CL594-Phalloidin (red).