

Nur für Forschungszwecke

STAT5B Monoklonaler Antikörper

Katalog-Nr.:66427-1-Ig



Allgemeine Informationen

Katalog-Nr.:
66427-1-Ig

Größe:
150ul , Konzentration: 1500 µg/ml von6777
Nanodrop und 1000 µg/ml durch die
Bradford-Methode mit BSA als
Standard;

Wirt:
Maus

Isotyp:
IgG2a

Immunogen Katalognummer:
AG2709

GenBank-Zugangsnummer:
BC020868

GeneID (NCBI):

Vollständiger Name:
signal transducer and activator of
transcription 5B

Berechnete Masse:
787 aa, 90 kDa

Beobachtete Masse:
90 kDa

Reinigungsmethode:
Protein-A-Reinigung

CloneNo.:
1D9B11

Empfohlene Verdünnungen:
WB 1:5000-1:50000
IF 1:400-1:1600

Anwendungen

Geprüfte Anwendungen:
FC, IF, WB, ELISA

Getestete Reaktivität:
Human

Positivkontrollen:

WB : Jurkat-Zellen, HEK-293-Zellen

IF : HepG2-Zellen, HeLa-Zellen

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. Nach dem Versand ein Jahr lang stabil

Lagerungspuffer:

PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.

Aliquotieren ist nicht notwendig bei -20°C Lagerung

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

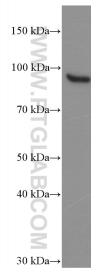
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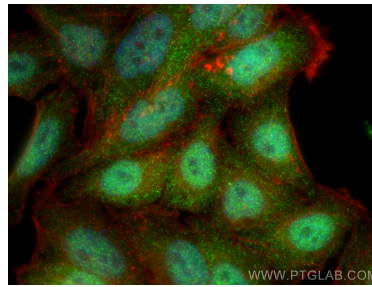
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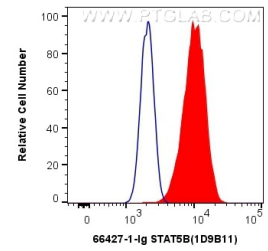
Ausgewählte Validierungsdaten



Jurkat cells were subjected to SDS PAGE followed by western blot with 66427-1-Ig (STAT5B Antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using STAT5B antibody (66427-1-Ig, Clone: 1D9B11) at dilution of 1:800 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L), CL594-Phalloidin (red).



1X10⁶ HeLa cells were intracellularly stained with 0.5 ug Anti-Human STAT5B (66427-1-Ig, Clone: 1D9B11) (red) labeled with FlexAble CoraLite® Plus 555 Antibody Labeling Kit for Mouse IgG2a (KFA042), or 0.5 ug Mouse IgG2a Isotype Control (66360-2-Ig, Clone: K11A1B2A2) (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).