

À des fins de recherche uniquement

# Anticorps Monoclonal anti-STAT4

Numéro de catalogue: CL488-67568



## Informations de base

<b>Numéro de catalogue:</b> CL488-67568	<b>Numéro d'acquisition GenBank:</b> BC031212	<b>Méthode de purification:</b> Purification par protéine G
<b>Taille:</b> 100ul , Concentration: 1000 µg/ml by Nanodrop;	<b>Identification du gène (NCBI):</b> 6775	<b>CloneNo.:</b> 4A8C9
<b>Hôte:</b> Mouse	<b>Nom complet:</b> signal transducer and activator of transcription 4	<b>Excitation/Emission maxima wavelengths:</b> 493 nm / 522 nm
<b>Isotype:</b> IgG1	<b>MW calculé:</b> 748 aa, 86 kDa	
<b>Immunogen Catalog Number:</b> AG19545	<b>MW observés:</b> 86 kDa	

## Applications

**Applications testées:**  
FC (Intra)

**Spécificité de l'espèce:**  
Humain, rat, souris

## Informations générales

The JAK/STAT pathway is an extensive signaling pathway downstream of cytokine receptors. STATs are cytosolic proteins with a common structure consisting of an N-terminal oligomerization domain, which favors formation of STAT dimers, followed by a DNA-binding domain and a C-terminal SRC homology-2 (SH2) domain, which is involved in association between STATs and receptors[PMID:22383755]. Signal Transducer and Activator of Transcription 4 (STAT4) is a transcription factor that is activated by IL-12 signaling and promotes Th1-cell differentiation and IFN- $\gamma$  production [PMID:21998209].

## Stockage

**Stockage:**  
Stocker à -20 °C. Éviter toute exposition à la lumière. Stable pendant un an après l'expédition.

**Tampon de stockage:**  
PBS avec glycérol à 50 %, Proclin300 à 0,05 % et BSA à 0,5 %, pH 7,3.  
L'aliquotage n'est pas nécessaire pour le stockage à -20C

**\*\*\* Les 20ul contiennent 0,1% de BSA.**

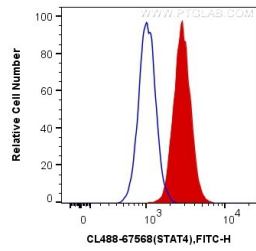
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## Données de validation sélectionnées



1X10<sup>6</sup> HepG2 cells were intracellularly stained with 0.8 µg CoraLite® Plus 488 Anti-Human STAT4 (CL488-67568, Clone:4A8C9) (red), or 0.8 µg Control Antibody. Cells were fixed and permeabilized with Transcription Factor Staining Buffer Kit (PF00011).