

Nur für Forschungszwecke

# Phospho-STAT5A (Tyr694) Rekombinanter Antikörper



Katalog-Nr.:CL488-80115

## Allgemeine Informationen

<b>Katalog-Nr.:</b> CL488-80115	<b>GenBank-Zugangsnummer:</b> BC027036	<b>Reinigungsmethode:</b> Protein-A-Reinigung
<b>Größe:</b> 100ul , Konzentration: 1000 µg/ml von6776	<b>GeneID (NCBI):</b> von6776	<b>CloneNo.:</b> 2P21
<b>Nanodrop;</b>	<b>Vollständiger Name:</b> signal transducer and activator of transcription 5A	<b>Anregungs-/Emissionsmaxima-Wellenlängen:</b> 493 nm / 522 nm
<b>Wirt:</b> Kaninchen	<b>Berechnete Masse:</b> 794 aa, 92 kDa	
<b>Isotyp:</b> IgG	<b>Beobachtete Masse:</b> 90-95 kDa	

## Anwendungen

**Geprüfte Anwendungen:**  
FC (Intra)

**Getestete Reaktivität:**  
Human

## Hintergrundinformationen

STAT5A, also named as STAT5, 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. STAT5A is activated by, and mediates the responses of many cell ligands, such as IL2, IL3, IL7 GM-CSF, erythropoietin, thrombopoietin, and different GHs. Phosphorylation at Tyr694 is obligatory for Stat5 activation. Activation of STAT5A in myeloma and lymphoma associated with a TEL/JAK2 gene fusion is independent of cell stimulus and has been shown to be essential for the tumorigenesis. The mouse counterpart of human STAT5A is found to induce the expression of BCL2L1/BCL-X(L), which suggests the antiapoptotic function of STAT5A in cells.

## Lagerung

**Lagerungsbedingungen:**  
Bei -20°C lagern. Vor Licht schützen.

**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

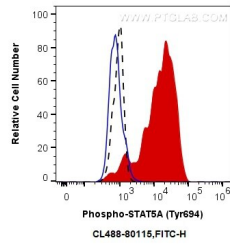
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## Ausgewählte Validierungsdaten



1X10<sup>6</sup> TF-1 cells untreated (dashed lines) or treated with GM-CSF (red) were intracellularly stained with 0.06 ug CoraLite® Plus 488 Anti-Human Phospho-STAT5A (Tyr694) (CL488-80115, Clone:2P21), or 0.06 ug Control Antibody (blue). Cells were fixed with 4% PFA and permeabilized with 90% MeOH.