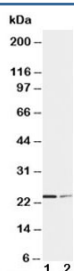


## SOCS1 Antibody / TIP3 / SSI1 (R30258)

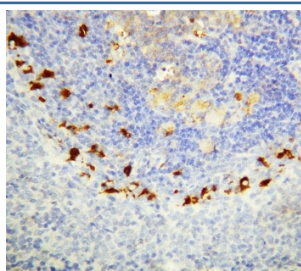
Catalog No.	Formulation	Size
R30258	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

**Bulk quote request**

<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Human, Mouse, Rat
<b>Format</b>	Antigen affinity purified
<b>Clonality</b>	Polyclonal (rabbit origin)
<b>Isotype</b>	Rabbit IgG
<b>Purity</b>	Antigen affinity
<b>Buffer</b>	Lyophilized from 1X PBS with 2.5% BSA and 0.025% sodium azide/thimerosal
<b>UniProt</b>	O15524
<b>Applications</b>	Western Blot : 0.5-1ug/ml IHC (FFPE) : 0.5-1ug/ml
<b>Limitations</b>	This SOCS1 antibody is available for research use only.



Western blot testing of SOCS1 antibody and Lane 1: HT1080; 2: COLO320 cell lysate. Predicted molecular weight ~ 24 kDa.



IHC-P: SOCS1 antibody testing of rat spleen tissue

## Description

Suppressor of cytokine signaling 1 (SOCS1), also known as Jak-binding protein (JAB) and Tec-interacting protein 3 (TIP3), is a negative regulator to a subset of protein-tyrosine kinases. This 211-amino acid protein has a molecular mass of about 23.5 kD. The TEC-binding region of SOCS1 resides in the N terminus. SOCS1 associates with Tec and suppresses its kinase activity. The SOCS1 gene is intronless and is mapped to on chromosome 16p13.13. SOCS1 regulates the JAK/STAT signal-transduction pathway. Moreover, it contributes to protection against hepatic injury and fibrosis, and may also protect against hepatocarcinogenesis.

## Application Notes

The stated application concentrations are suggested starting amounts. Titration of the SOCS1 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

## Immunogen

An amino acid sequence from the C-terminus of human SOCS1 (NPVLRDYLSSFPFQI) was used as the immunogen for this SOCS1 antibody (100% homologous in human, mouse and rat).

## Storage

After reconstitution, the SOCS1 antibody can be stored for up to one month at 4°C. For long-term, aliquot and store at -20°C. Avoid repeated freezing and thawing.