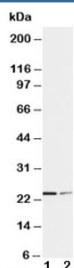


SOCS1 Antibody / TIP3 / SSI1 (R30258)

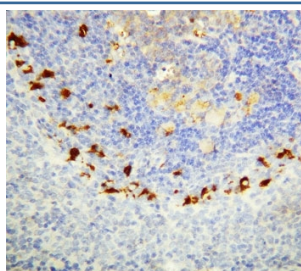
Catalog No.	Formulation	Size
R30258	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

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