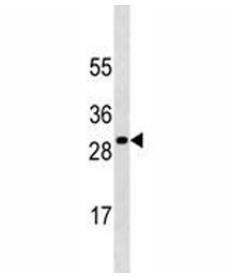
SOCS3 Antibody [clone 532CT13.5.3] (F53719)

Catalog No.	Formulation	Size
F53719-0.1ML	In ascites with 0.09% sodium azide	0.1 ml

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Ascites
Host	Mouse
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgM
Clone Name	532CT13.5.3
Purity	Ascites
UniProt	O14543
Applications	Western blot: 1:500-1:1600
Limitations	This SOCS3 antibody is available for research use only.



SOCS3 antibody western blot analysis in HepG2 lysate. Predicted molecular weight ~24kDa.

Description

SOCS family proteins form part of a classical negative feedback system that regulates cytokine signal transduction. SOCS3 is involved in negative regulation of cytokines that signal through the JAK/STAT pathway. Inhibits cytokine signal transduction by binding to tyrosine kinase receptors including gp130, LIF, erythropoietin, insulin, IL12, GCSF and leptin receptors. Binding to JAK2 inhibits its kinase activity. Suppresses fetal liver erythropoiesis. Regulates onset and maintenance of allergic responses mediated by T-helper type 2 cells. Regulates IL-6 signaling in vivo (By similarity). Probable substrate recognition component of a SCF-like ECS (Elongin BC-CUL2/5-SOCS-box protein) E3 ubiquitin-protein ligase complex which mediates the ubiquitination and subsequent proteasomal degradation of target proteins.

Seems to recognize IL6ST (By similarity).

Application Notes

Titration of the SOCS3 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

This SOCS3 antibody was produced from a mouse immunized with recombinant protein of human SOCS3.

Storage

Aliquot the SOCS3 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

Copyright © NSJ Bioreagents. All rights reserved.