

Datasheet for ABIN1540006

anti-SOCS3 antibody[Go to Product page](#)**1** Image

Overview

Quantity:	0.1 mL
Target:	SOCS3
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Application:	Western Blotting (WB)

Product Details

Immunogen:	This SOCS3 Antibody is generated from mouse immunized with recombinant protein of human SOCS3.
Clone:	532CT13-5-3
Isotype:	IgM
Purification:	Mouse monoclonal antibody supplied in crude ascites with 0.09% (W/V) sodium azide.

Target Details

Target:	SOCS3
Alternative Name:	SOCS3 (SOCS3 Products)
Background:	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

Target Details

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).

Molecular Weight: 24770

Gene ID: 9021

NCBI Accession: [NP_003946](#)

UniProt: [O14543](#)

Pathways: [JAK-STAT Signaling](#), [Response to Growth Hormone Stimulus](#), [Hepatitis C](#)

Application Details

Application Notes: WB: 1:500~1600

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Mouse monoclonal antibody supplied in crude ascites with 0.09 % (W/V) sodium azide.

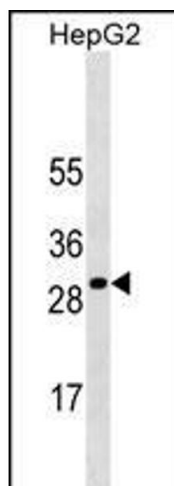
Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C, -20 °C

Storage Comment: SOCS3 Antibody (Ascites) can be refrigerated at 2-8 °C for up to 6 months. For long term storage, place the SOCS3 Antibody (Ascites) at -20 °C.

Expiry Date: 6 months



Western Blotting

Image 1. SOCS3 Antibody ABIN1540006 western blot analysis in HepG2 cell line lysates (35 µg/lane). This demonstrates the SOCS3 antibody detected the SOCS3 protein (arrow).