

Datasheet for ABIN7171000
anti-SOCS3 antibody (AA 1-224)[Go to Product page](#)

2 Images

Overview

Quantity:	100 µg
Target:	SOCS3
Binding Specificity:	AA 1-224
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SOCS3 antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant Human Suppressor of cytokine signaling 3 protein (1-224AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

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

Target Details

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. 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.

Aliases: ATOD4 antibody, CIS 3 antibody, CIS-3 antibody, CIS3 antibody, Cish3 antibody, Cytokine induced SH2 protein 3 antibody, Cytokine-inducible SH2 protein 3 antibody, E2a Pbx1 target gene in fibroblasts 10 antibody, EF 10 antibody, MGC71791 antibody, SOCS 3 antibody, SOCS-3 antibody, Socs3 antibody, SOCS3_HUMAN antibody, SSI 3 antibody, SSI-3 antibody, SSI3 antibody, STAT induced STAT inhibitor 3 antibody, STAT-induced STAT inhibitor 3 antibody, Suppressor of cytokine signaling 3 antibody

UniProt: [O14543](#)

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

Application Details

Application Notes: Recommended dilution: IHC:1:20-1:200, IF:1:50-1:200,

Restrictions: For Research Use only

Handling

Format: Liquid

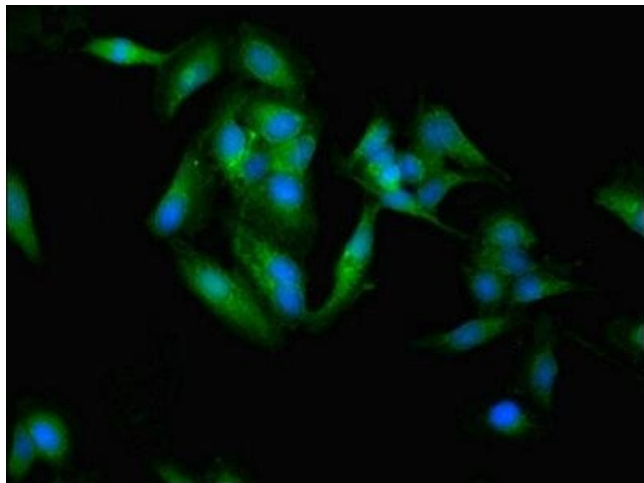
Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4

Preservative: ProClin

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

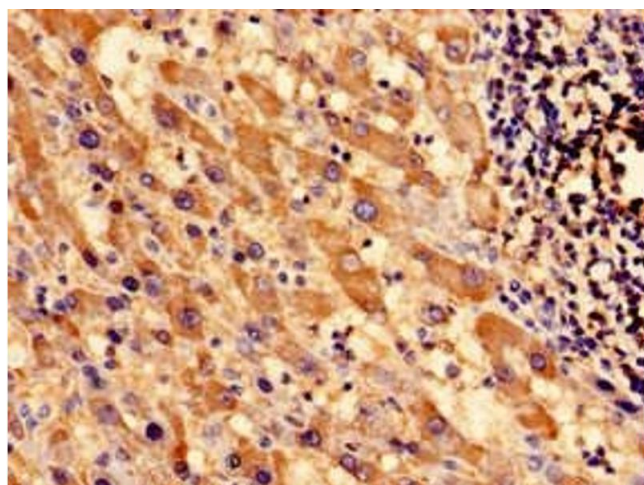
Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



Immunofluorescence

Image 1. Immunofluorescent analysis of HeLa cells using ABIN7171000 at dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)



Immunocytochemistry

Image 2. Immunocytochemistry analysis of human liver cancer using ABIN7171000 at dilution of 1:100