

Datasheet: AHP1205T

Description:	RABBIT ANTI SOCS-1 (C-TERMINAL)
Specificity:	SOCS-1 (C-TERMINAL)
Other names:	SUPPRESSOR OF CYTOKINE SIGNALLING 1
Format:	Purified
Product Type:	Polyclonal Antibody
Isotype:	Polyclonal IgG
Quantity:	50 µg

Product Details

Applications

This product has been reported to work in the following applications. This information is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information. For general protocol recommendations, please visit www.bio-rad-antibodies.com/protocols.

	Yes	No	Not Determined	Suggested Dilution
Flow Cytometry			▪	
Immunohistology - Frozen			▪	
Immunohistology - Paraffin			▪	
ELISA			▪	
Immunoprecipitation			▪	
Western Blotting	▪			1.0 - 2.0ug/ml

Where this antibody has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Suggested working dilutions are given as a guide only. It is recommended that the user titrates the antibody for use in their own system using appropriate negative/positive controls.

Target Species

Human

Species Cross Reactivity

Reacts with: Rat, Mouse

N.B. Antibody reactivity and working conditions may vary between species. Cross reactivity is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information.

Product Form

Purified IgG - liquid

Preparation

Antisera to human SOCS1 were raised by repeated immunisation of rabbits with highly purified antigen. Purified IgG was prepared by affinity chromatography.

Buffer Solution

Phosphate buffered saline

Preservative Stabilisers	0.02% Sodium Azide
Approx. Protein Concentrations	IgG concentration 1.0 mg/ml
Immunogen	A 15 amino acid peptide located near the carboxy terminus of human SOCS1.
External Database Links	<p>UniProt: O15524 Related reagents</p> <p>Entrez Gene: 8651 SOCS1 Related reagents</p>
Synonyms	SSI1, TIP3
RRID	AB_2193001
Specificity	Rabbit anti Human SICS-1 antibody recognizes Suppressor of cytokine signalling 1 (SOCS1), a ~24 kDa member of the Suppressor of cytokine signalling family. SOCS1 acts downstream of cytokine receptors and plays a role in the negative regulation of cytokine signalling. It acts mainly on the Janus kinase (JAK)/signal transducers and activators of transcription-3 (STAT3) pathway but also inhibits signalling by cytokines such as insulin and toll-like receptors. Furthermore SOCS1 is involved in ubiquitin-dependent protein degradation, plays a role in T cell activation and in the regulation of IL-6, IL-4, IL-12 and IL-15. SOCS1 is expressed ubiquitously and at elevated levels in the spleen, small intestine and peripheral blood leukocytes.
Western Blotting	AHP1205T detects a bands of approximately 1.0-23.0ug/ml in human spleen cell lysates.
Further Reading	<ol style="list-style-type: none"> 1. Davey, G. <i>et al.</i> (2006) SOCS1: a potent and multifaceted regulator of cytokines and cell-mediated inflammation. Tissue Antigens. 67:1-9. 2. Rakesh, K. <i>et al.</i> (2005) Controlling cytokine signaling by constitutive inhibitors. Biochem Pharmacol. 70:649-57.
Storage	<p>Store at +4°C or at -20°C if preferred.</p> <p>This product should be stored undiluted.</p> <p>Storage in frost free freezers is not recommended. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.</p>
Guarantee	18 months from date of despatch.
Health And Safety Information	Material Safety Datasheet documentation #10040 available at: 10040: https://www.bio-rad-antibodies.com/uploads/MSDS/10040.pdf

Related Products

Recommended Secondary Antibodies

Sheep Anti Rabbit IgG (STAR34...) [FITC](#)

Goat Anti Rabbit IgG (H/L) (STAR124...) [HRP](#)

Goat Anti Rabbit IgG (Fc) (STAR121...) [Biotin](#), [FITC](#), [HRP](#)

Sheep Anti Rabbit IgG (STAR35...) [RPE](#)

Sheep Anti Rabbit IgG (STAR36...) [DyLight®488](#), [DyLight®680](#), [DyLight®800](#)

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'M353819:190530'

Printed on 10 Feb 2021
