

UK Office

Everest Biotech Ltd

Cherwell Innovation Centre

77 Heyford Park
Upper Heyford
Oxfordshire
OX25 5HD

UK

Enquiries:

info@everestbiotech.com

Sales:

sales@everestbiotech.com

Tech support:

support@everestbiotech.com

Tel: +44 (0)1869 238326 Fax: +44 (0)1869 238327

US Office

Everest Biotech c/o Abcore

405 Maple Street, Suite A106

Ramona, CA 92065 USA

Inquiries:

info@everestbiotech.com

Sales:

usasales@everestbiotech.com

Tech support:

support@everestbiotech.com

Tel: 888-320-4628 (toll-free) Fax: 888-841-9041

www.everestbiotech.com

Research Use Only. Not for diagnostic or therapeutic use.

EB05040-T - Goat Anti-SOCS1 Antibody - Trial

Size: 20µg specific antibody in 40µl



Target Protein

Principal Names: SOCS1, JAB, CIS1, SSI1, TIP3, CISH1, SSI-1, SOCS-1, suppressor of cytokine signaling 1, JAK binding protein, Tec-interacting protein 3, STAT induced SH3 protein 1, cytokine-inducible SH2 protein 1, STAT-induced STAT inhibitor 1, TIP-3

Official Symbol: SOCS1

Accession Number(s): NP_003736.1

Human GeneID(s): 8651

Non-Human GenelD(s): 12703 (mouse)

Immunogen

Peptide with sequence C-VLRDYLSSFPFQI, from the C Terminus of the protein sequence according to NP_003736.1.

Please note the peptide is available for sale.

Purification and Storage

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.

Aliquot and store at -20°C. Minimize freezing and thawing.

Applications Tested

Peptide ELISA: antibody detection limit dilution 1:4000.

IHC: Paraffin embedded Human Kidney. Recommended concentration: 8µg/ml. Paraffin embedded Mouse Kidney. Recommended concentration: 5-10µg/ml.

Immunofluorescence: Expression of the protein seen in the cytoplasm and nucleus of

MCF7 cells. Recommended concentration: 10µg/ml.

Flow Cytometry: Flow cytometric analysis of HEK293 cells. Recommended

concentration: 10ug/ml.

Species Reactivity

Tested: Human, Mouse

Expected from sequence similarity: Human, Mouse, Dog, Cow, Rat, Pig

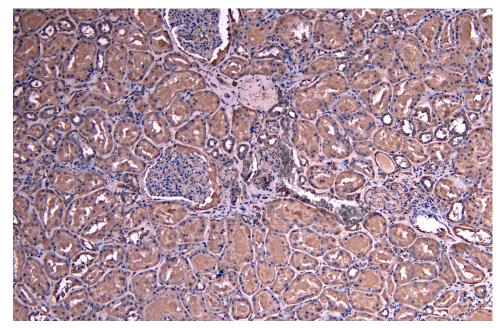
Specific Reference

This antibody (previous batch) has been successfully used in FC on Mouse:

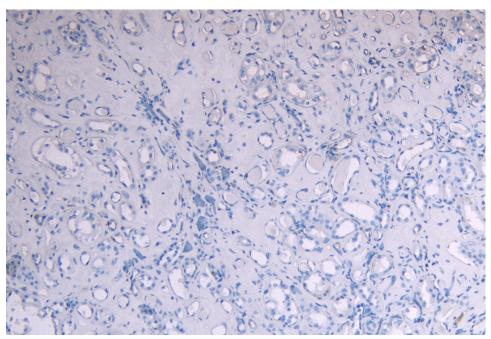
Elham Beyranvand Nejad, Camilla Labrie, Marit J van Elsas, Jan Willem Kleinovink, Hans-Willi Mittrücker, Kees L M C Franken, Sylvia Heink, Thomas Korn, Ramon Arens, Thorbald van Hall, Sjoerd H van der Burg

IL-6 signaling in macrophages is required for immunotherapy-driven regression of tumors J Immunother Cancer. 2021 Apr;9(4):e002460. doi: 10.1136/jitc-2021-002460.

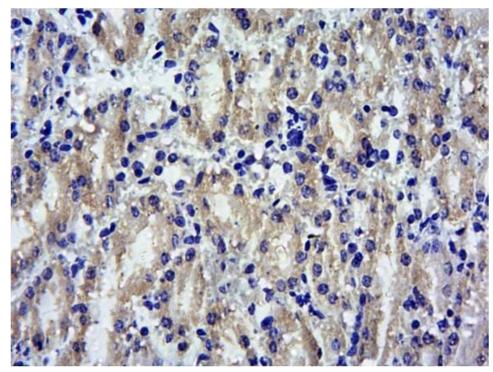
PMID: 33879600



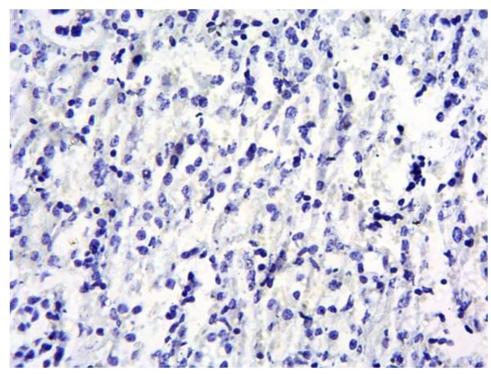
 $EB05040~(8\mu g/ml)~staining~of~paraffin~embedded~Human~Kidney.~Heat~induced~antigen~retrieval~with~citrate~buffer~pH~6,~HRP-staining.$



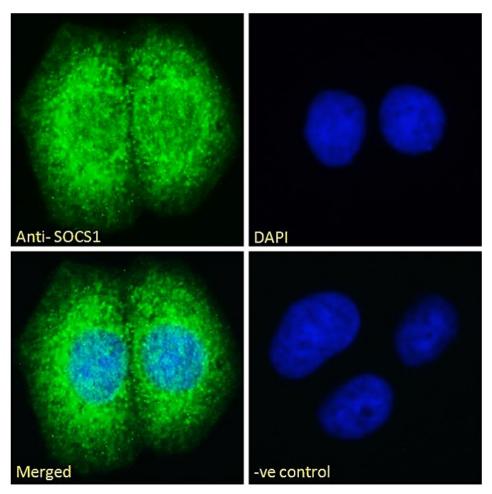
EB05040 Negative Control showing staining of paraffin embedded Human Kidney, with no primary antibody.



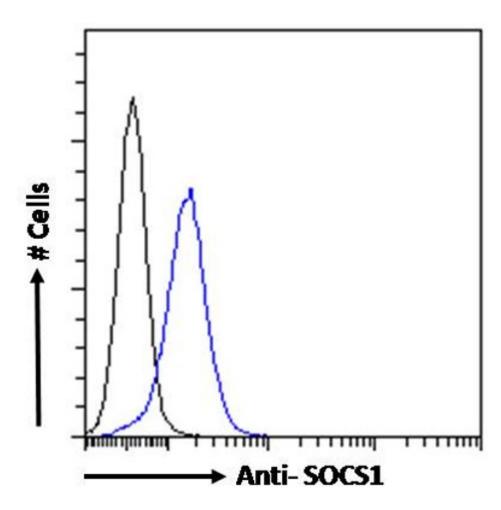
EB05040 (10µg/ml): Staining of paraffin embedded Mouse Kidney. Heat induced antigen retrieval with citrate buffer pH 6, HRP-Staining (1:500).



EB05040 Negative Control showing staining of paraffin embedded Mouse Kidney, with no primary antibody.



EB05040 Immunofluorescence analysis of paraformaldehyde fixed MCF7 cells, permeabilized with 0.15% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml), showing cytoplasmic and nuclear staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml).



EB05040 Flow cytometric analysis of paraformaldehyde fixed HEK293 cells (blue line), permeabilized with 0.5% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (1ug/ml). IgG control:

Unimmunized goat IgG (black line) followed by Alexa Fluor 488 secondary antibody.