

Product Datasheet

SOCS-1 Antibody NB100-781

Unit Size: 0.1 mg

Store at -20C. Avoid freeze-thaw cycles.

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Publications: 3

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NB100-781

SOCS-1 Antibody

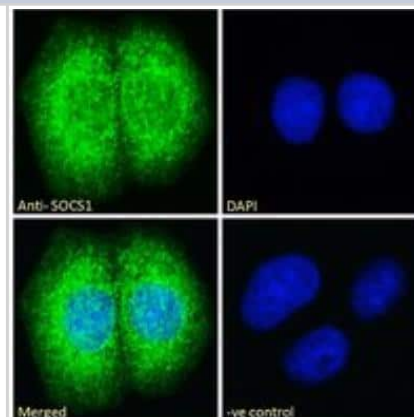
Product Information	
Unit Size	0.1 mg
Concentration	0.5 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	Tris saline (20 mM Tris pH 7.3, 150 mM NaCl), 0.5% BSA

Product Description	
Description	Novus Biologicals Goat SOCS-1 Antibody (NB100-781) is a polyclonal antibody validated for use in IHC, ELISA, Flow and ICC/IF. Anti-SOCS-1 Antibody: Cited in 3 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Goat
Gene ID	8651
Gene Symbol	SOCS1
Species	Human, Mouse
Immunogen	Peptide with sequence C-VLRDYLSSFPFQI corresponding to C-Terminus according to NP_003736.1.

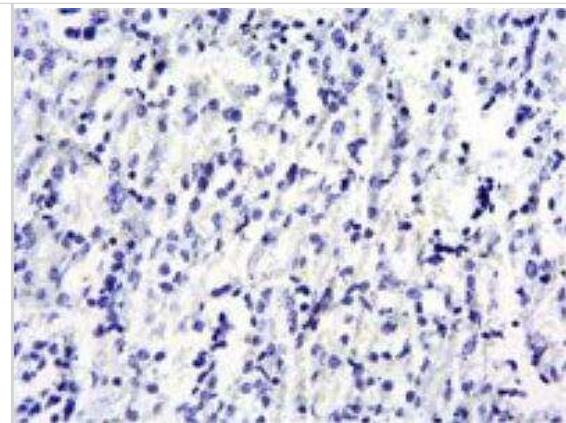
Product Application Details	
Applications	Immunohistochemistry-Paraffin, Flow Cytometry, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Peptide ELISA
Recommended Dilutions	Flow Cytometry 10 ug/mL, Immunohistochemistry 5 - 10 ug/mL, Immunocytochemistry/ Immunofluorescence 10 ug/mL, Immunohistochemistry-Paraffin 5 - 10 ug/mL, Peptide ELISA Detection limit 1:4000

Images

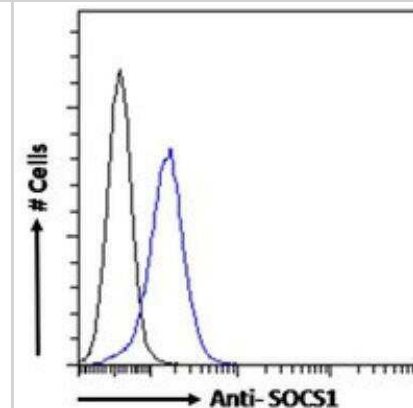
Immunocytochemistry/Immunofluorescence: SOCS-1 Antibody [NB100-781] - Immunofluorescence analysis of paraformaldehyde fixed MCF7 cells, permeabilized with 0.15% Triton. Primary incubation 1hr (10 ug/mL) followed by Alexa Fluor 488 secondary antibody (2 ug/mL), showing cytoplasmic and nuclear staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10 ug/mL) followed by Alexa Fluor 488 secondary antibody (2 ug/mL).



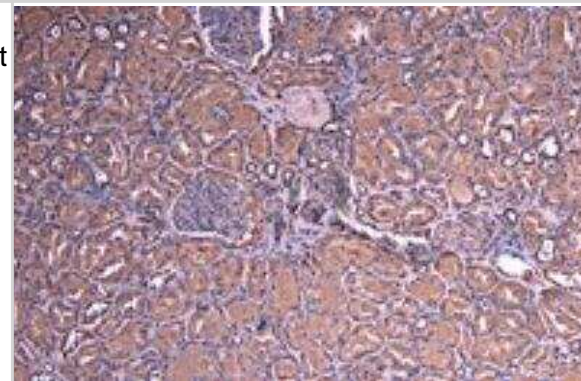
Immunohistochemistry-Paraffin: SOCS-1 Antibody [NB100-781] - Negative Control showing staining of paraffin embedded Mouse Kidney, with no primary antibody.



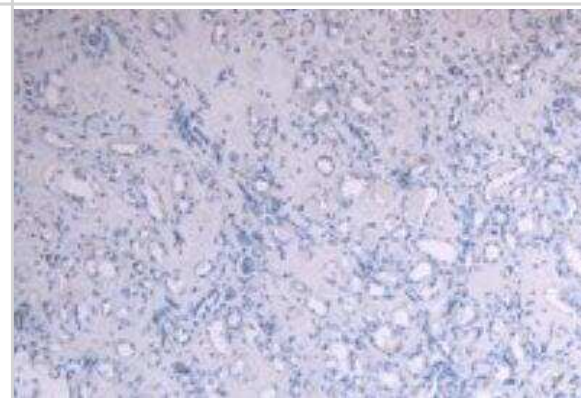
Flow Cytometry: SOCS-1 Antibody [NB100-781] - Flow cytometric analysis of paraformaldehyde fixed HEK293 cells (blue line), permeabilized with 0.5% Triton. Primary incubation 1hr (10 ug/mL) followed by Alexa Fluor 488 secondary antibody (1 ug/mL). IgG control: Unimmunized goat IgG (black line) followed by Alexa Fluor 488 secondary antibody.



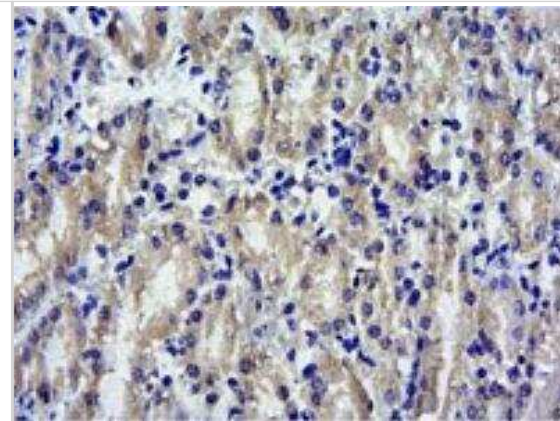
Immunohistochemistry-Paraffin: SOCS-1 Antibody [NB100-781] - Staining of paraffin embedded Human Kidney. Antibody at 8 ug/mL. Heat induced antigen retrieval with citrate buffer pH 6, HRP-staining.



Immunohistochemistry-Paraffin: SOCS-1 Antibody [NB100-781] - Negative Control showing staining of paraffin embedded Human Kidney, with no primary antibody.



Immunohistochemistry-Paraffin: SOCS-1 Antibody [NB100-781] - Staining of paraffin embedded Mouse Kidney. Antibody at 10 ug/mL. Heat induced antigen retrieval with citrate buffer pH 6, HRP-Staining (1:500).



Publications

Wilkerson JL, Alberti LB, Kerwin AA et al. Peripheral versus central mechanisms of the cannabinoid type 2 receptor agonist AM1710 in a mouse model of neuropathic pain *Brain Behav* 2020-09-25 [PMID: 32977358]

Jenny L. Wilkerson, Lauren B. Alberti, Ganesh A. Thakur, Alexandros Makriyannis, Erin D. Milligan Peripherally administered cannabinoid receptor 2 (CB 2 R) agonists lose anti-allodynic effects in TRPV1 knockout mice, while intrathecal administration leads to anti-allodynia and reduced GFAP, CCL2 and TRPV1 expression in the dorsal spinal cord and DRG *Brain research* 2024-01-03 [PMID: 34774500]

Starr R, Willson TA, Viney EM et al. A family of cytokine-inducible inhibitors of signalling. *Nature* 1997-06-26 [PMID: 9202125]



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Products Related to NB100-781

NB820-59670	Mouse Spleen Whole Tissue Lysate (Adult Whole Normal)
HAF017	Rabbit anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
HAF109	Donkey anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
NB410-28088-1mg	Goat IgG Isotype Control

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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