

## SOCS2 Rabbit mAb

Catalog No: #49910

Package Size: #49910-1 50ul #49910-2 100ul

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

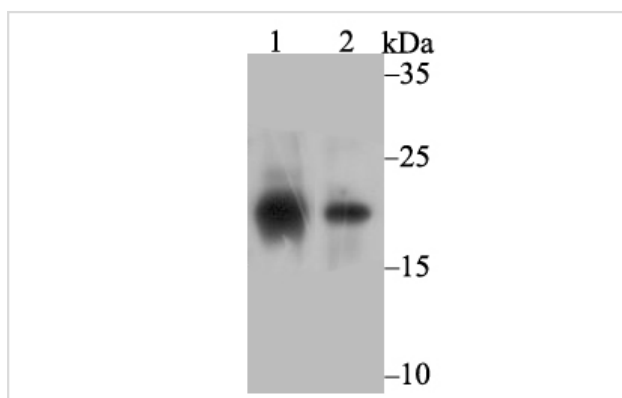
## Description

Product Name	SOCS2 Rabbit mAb
Host Species	Recombinant Rabbit
Clonality	Monoclonal antibody
Clone No.	JG36-86
Purification	ProA affinity purified
Applications	WB,ICC,IF,IP
Species Reactivity	Hu
Immunogen Description	Recombinant protein within human SOCS2 1-150aa.
Other Names	CIS 2 antibody   CIS-2 antibody   CIS2 antibody   Cish 2 antibody   Cish2 antibody   Cytokine inducible SH2 protein 2 antibody   Cytokine-inducible SH2 protein 2 antibody   SOCS 2 antibody   SOCS-2 antibody   Socs2 antibody   SOCS2_HUMAN antibody   SSI 2 antibody   SSI-2 antibody   SSI2 antibody   STAT induced STAT inhibitor 2 antibody   STAT-induced STAT inhibitor 2 antibody   STATI 2 antibody   STATI2 antibody   Suppressor of cytokine signaling 2 antibody
Accession No.	Swiss-Prot#:O14508
Uniprot	O14508
GeneID	8835;
Calculated MW	22 kDa
Formulation	1*TBS (pH7.4), 1%BSA, 40%Glycerol. Preservative: 0.05% Sodium Azide.
Storage	Store at -20°C

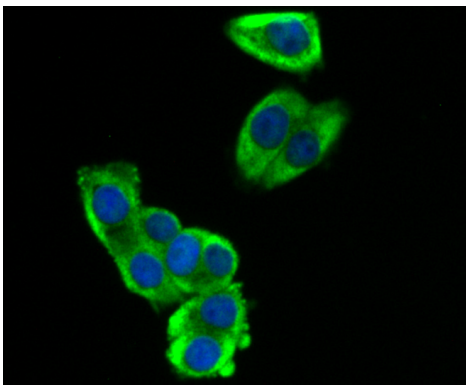
## Application Details

WB: 1:500-1:2,000 ICC: 1:50-1:200 IP: 1:10-1:50

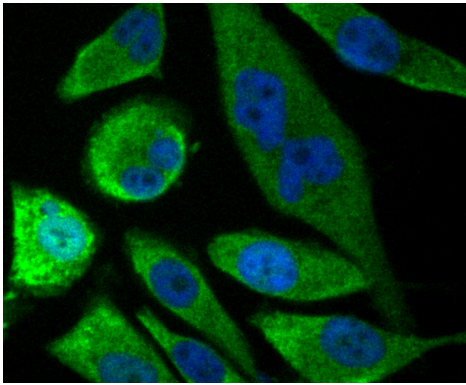
## Images



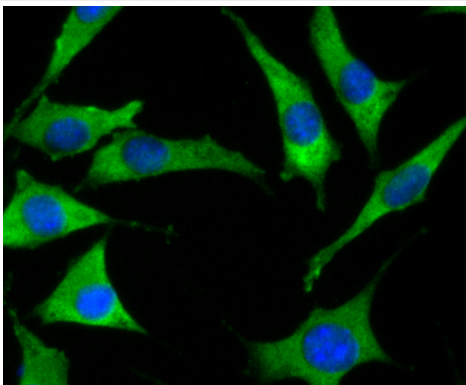
Western blot analysis of SOCS2 on different lysates using anti-SOCS2 antibody at 1/1,000 dilution. Positive control:  
Lane 1: Human placenta   Lane 2: SH-SY-5Y



ICC staining SOCS2 in LOVO cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



ICC staining SOCS2 in PC-3M cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



ICC staining SOCS2 in SH-SY-5Y cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.

## Background

SOCS family proteins form part of a classical negative feedback system that regulates cytokine signal transduction. SOCS2 appears to be a negative regulator in the growth hormone/IGF1 signaling pathway. 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.

## References

Note: This product is for in vitro research use only