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anti-SOCS2 antibody





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Quantity:	200 μL
Target:	SOCS2
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SOCS2 antibody is un-conjugated
Application:	Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant fusion protein of human SOCS2 (NP_001257400.1).
Isotype:	IgG
Characteristics:	Polyclonal Antibody
Purification:	Affinity purification

Target Details

Target:	SOCS2	
Alternative Name:	SOCS2 (SOCS2 Products)	
Background:	This gene encodes a member of the suppressor of cytokine signaling (SOCS) family. SOCS	
	family members are cytokine-inducible negative regulators of cytokine receptor signaling via	
	the Janus kinase/signal transducer and activation of transcription pathway (the JAK/STAT	
	pathway). SOCS family proteins interact with major molecules of signaling complexes to block	

Target Details

further signal transduction, in part, by proteasomal depletion of receptors or signal-transducing proteins via ubiquitination. The expression of this gene can be induced by a subset of cytokines, including erythropoietin, GM-CSF, IL10, interferon (IFN)-gamma and by cytokine receptors such as growth horomone receptor. The protein encoded by this gene interacts with the cytoplasmic domain of insulin-like growth factor-1 receptor (IGF1R) and is thought to be involved in the regulation of IGF1R mediated cell signaling. This gene has pseudogenes on chromosomes 20 and 22. Alternative splicing results in multiple transcript variants.

Gene ID: 8835

UniProt: 014508

Pathways: JAK-STAT Signaling, Response to Growth Hormone Stimulus

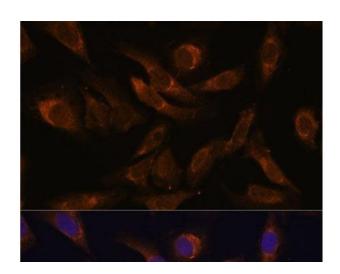
Application Details

Application Notes: IF 1:50-1:100

Restrictions: For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



Immunofluorescence

Image 1. Immunofluorescence analysis of U-2 OS cells using SOCS2 Polyclonal Antibody at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.