



Product Information Sheet

Polyclonal Anti-Suppressor of cytokine signaling 1, *SOCS1 (Magnetic Bead Conjugate)*

Catalogue No. PA1074-M	Immunogen A synthetic peptide corresponding to a sequence at the C-terminal of human SOCS1, identical to the related mouse and rat sequence.
Lot No. 03A02	Purity Immunogen affinity purified.
Ig type: rabbit IgG	Contents Each vial contains 1mg/ml Magnetic Bead in PBS, pH 7.2, 0.05mg NaN ₃ .
Size: 100µg/vial	
Specificity Human, mouse, rat. No cross reactivity with other proteins.	Storage Store at 4°C for frequent use.
Recommended application ImmunoPrecipitation (IP)	Description This Antagene antibody is immobilized by the covalent reaction of hydrazinonicotinamide-modified antibody with formylbenzamide-modified magnetic beads. It is useful for immunoprecipitation

BACKGROUND

Suppressor of cytokine signaling 1 (SOCS1), also known as Jak-binding protein (JAB), is a negative regulator to a subset of protein-tyrosine kinases. This 211-amino acid protein has a molecular mass of about 23.5 kD. The TEC-binding region of SOCS1 resides in the N terminus. SOCS1 associates with Tec and suppresses its kinase activity.¹ The SOCS1 gene is intronless and is mapped to on chromosome 16p13.13.² SOCS1 regulates the JAK/STAT signal-transduction pathway.³ Moreover, it contributes to protection against hepatic injury and fibrosis, and may also protect against hepatocarcinogenesis.⁴

REFERENCE

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