



# SOCS4 Monoclonal Antibody

|                           |  |
|---------------------------|--|
| <b>Catalog No</b>         | BYmab-06243  |
| <b>Isotype</b>            | IgG  |
| <b>Reactivity</b>         | Human;Mouse  |
| <b>Applications</b>       | WB   |
| <b>Gene Name</b>          | SOCS4 SOCS7  |
| <b>Protein Name</b>       | Suppressor of cytokine signaling 4 (SOCS-4) (Suppressor of cytokine signaling 7) (SOCS-7)  |
| <b>Immunogen</b>          | Synthesized peptide derived from part region of human protein  |
| <b>Specificity</b>        | SOCS4 Monoclonal Antibody detects endogenous levels of protein.  |
| <b>Formulation</b>        | Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.   |
| <b>Source</b>             | Monoclonal, Mouse,IgG  |
| <b>Purification</b>       | The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.   |
| <b>Dilution</b>           | WB 1:500-2000  |
| <b>Concentration</b>      | 1 mg/ml  |
| <b>Purity</b>             | ≥90%   |
| <b>Storage Stability</b>  | -20°C/1 year   |
| <b>Synonyms</b>           |  |
| <b>Observed Band</b>      | 48kD   |
| <b>Cell Pathway</b>       | intracellular,cytoplasm,   |
| <b>Tissue Specificity</b> | Endometrium carcinoma cell line,Neuroblastoma,Placenta,  |
| <b>Function</b>           | domain:The SOCS box domain mediates the interaction with the Elongin BC complex, an adapter module in different E3 ubiquitin ligase complexes.,function:SOCS family proteins form part of a classical negative feedback system that regulates cytokine signal transduction. May be a 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.,pathway:Protein modification; protein ubiquitination.,similarity:Contains 1 SH2 domain.,similarity:Contains 1 SOCS box domain., |
| <b>Background</b>         | The protein encoded by this gene contains a SH2 domain and a SOCS BOX domain. The protein thus belongs to the suppressor of cytokine signaling (SOCS),   |

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also known as STAT-induced STAT inhibitor (SSI), protein family. SOCS family members are known to be cytokine-inducible negative regulators of cytokine signaling. Two alternatively spliced transcript variants encoding the same protein have been found for this gene. [provided by RefSeq, Jul 2008],

**matters needing attention**

Avoid repeated freezing and thawing!

**Usage suggestions**

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

## Products Images

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网址: [www.njbybio.com](http://www.njbybio.com)

官方热线: 025-5229-8998

监督电话: 15950492658