

Anti-SOCS3 Purified Monoclonal Antibody

Catalog Number: M00274

About SOCS3

SOCS3 (suppressor of cytokine signaling 3), also known as CIS3 (cytokine-inducible SH2 protein 3) is a negative regulator of particular cytokine signaling pathways. SOCS3 is induced by a variety of cytokines and other stimuli, such as erythropoietin, leptin and lipopolysaccharides and inhibits tyrosinkinase activity of JAK kinases, or e.g. JNK phosphorylation. SOCS3 modulates cytokine-mediated and neoplastic-proliferative responses and is involved also in maintaining leukocytes in quiescent state until antigen stimulation.

Overview

| | |
|----------------------|---|
| Product Name | Anti-SOCS3 Purified Monoclonal Antibody |
| Reactive Species | Human |
| Description | Boster Bio Anti-SOCS3 Purified Monoclonal Antibody (Catalog# M00274). Tested in WB application(s). This antibody reacts with Human. |
| Application | WB |
| Clonality | Monoclonal SO1 |
| Formulation | Phosphate buffered saline (PBS), pH 7.4, 15 mM sodium azide |
| Storage Instructions | Store at 2-8°C. Do not freeze. |
| Host | Mouse |
| Uniprot ID | Q6FI39 |

Technical Details

| | |
|----------------------------|---|
| Immunogen | Full-length SOCS3 protein. The antibody SO1 reacts with SOCS3, an intracellular cytokine signaling inhibitor. |
| Predicted Reactive Species | Primate |
| Isotype | Mouse IgG2b |
| Form | Liquid |
| Concentration | 1 mg/ml |
| Purification | Purified by protein-A affinity chromatography. |
| Suggested Dilutions | Dilute the sample so that the expected range of concentrations fall within the detection range of this kit. If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples. |

Some PubMed article(s) citing the expression level of this target are as follows:
Boster Bio's internal QC testing used:
Western blotting: Positive control: HeLa human cervix carcinoma cell line, reducing conditions.

Anti-SOCS3 Purified Monoclonal Antibody (M00274) Images

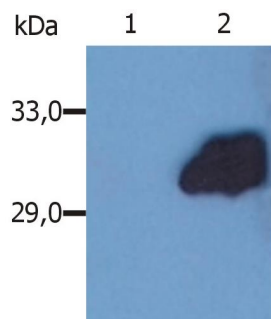


Figure 1. Western blotting validation for Anti-SOCS3 Purified Monoclonal Antibody M00274

Western blotting analysis (reducing conditions) of whole cell lysate of HeLa human cervix carcinoma cell line.

Lane 1: immunostaining with Isotype mouse IgG2b control (PLRV219; cat. no. 11-801-C100)

Lane 2: immunostaining with anti-SOCS3 (SO1)

Electrophoresis was performed on a SDS-PAGE gel. To determine SDS-PAGE gel concentration

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