SOCS3 Rabbit mAb

Catalog No.: A21981 Recombinant 2 Publications



Basic Information

Observed MW

28 kDa

Calculated MW

25 kDa

Category

Primary antibody

Applications

WB,ELISA

Cross-Reactivity

Mouse

CloneNo number

ARC53312

Background

This gene encodes a member of the STAT-induced STAT inhibitor (SSI), also known as suppressor of cytokine signaling (SOCS), family. SSI family members are cytokine-inducible negative regulators of cytokine signaling. The expression of this gene is induced by various cytokines, including IL6, IL10, and interferon (IFN)-gamma. The protein encoded by this gene can bind to JAK2 kinase, and inhibit the activity of JAK2 kinase. Studies of the mouse counterpart of this gene suggested the roles of this gene in the negative regulation of fetal liver hematopoiesis, and placental development.

Recommended Dilutions

WB 1:500 - 1:2000

2.500 2.200

ELISA

Recommended starting concentration is 1 µg/mL.
Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene ID9021

Swiss Prot
914543

Immunogen

Synthetic peptide. This information is considered to be commercially sensitive.

Synonyms

CIS3; SSI3; ATOD4; Cish3; SSI-3; SOCS-3; SOCS3

Contact

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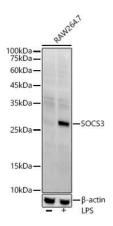
Product Information

SourceIsotypePurificationRabbitIgGAffinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS containing 50% glycerol and 0.05% BSA, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.



Western blot analysis of lysates from RAW 264.7 cells using SOCS3 Rabbit mAb (A21981) at1:2000 dilution incubated overnight at 4°C. Raw 264. 7 cells were treated with LPS (1 μ g/ml) at 37°C for 8 hours. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25 µg per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Enhanced Kit (RM00021).

Exposure time: 180 s.