A26954

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SOCS1 Rabbit mAb

Catalog No.: A26954 Recombinant 1 Publications

Basic Information

Observed MW
Refer to figures

Calculated MW
24kDa

Category
Monoclonal Antibody

Applications
IHC-P,ELISA

Cross-Reactivity
Human,Mouse,Rat

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 can be induced by a subset of cytokines, including IL2, IL3 erythropoietin (EPO), CSF2/GM-CSF, and interferon (IFN)-gamma. The protein encoded by this gene functions downstream of cytokine receptors, and takes part in a negative feedback loop to attenuate cytokine signaling. Knockout studies in mice suggested the role of this gene as a modulator of IFN-gamma action, which is required for normal postnatal growth and survival.

Recommended Dilutions

IHC-P	1:100 - 1:1000
ELISA	Recommended starting concentration is 1 μg/mL. Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene ID
8651

Swiss Prot
O15524

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

Synonyms
JAB; CIS1; SSI1; TIP3; CISH1; SSI-1; TIP-3; AISIMD; SOCS-1

Contact

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Product Information

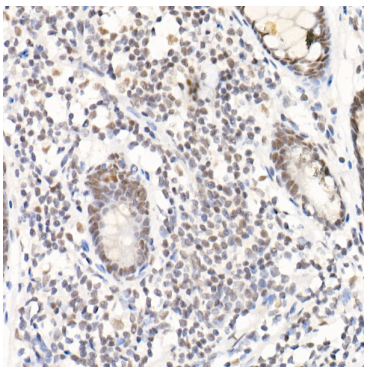
Source
Rabbit

Isotype
IgG

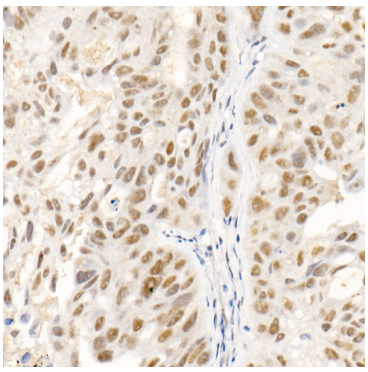
Purification
Affinity purification

Storage
Store at -20℃

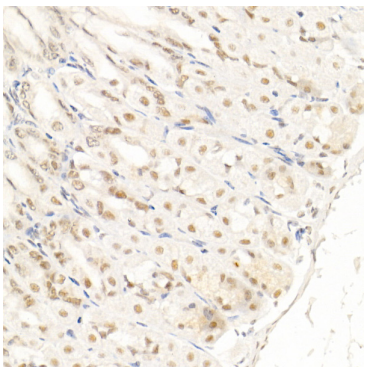
Validation Data



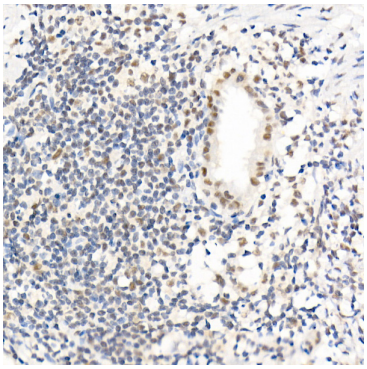
Immunohistochemistry analysis of paraffin-embedded Human colon tissue using SOCS1 Rabbit mAb (A26954) at a dilution of 1:100 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Human colon carcinoma tissue using SOCS1 Rabbit mAb (A26954) at a dilution of 1:100 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Mouse stomach tissue using SOCS1 Rabbit mAb (A26954) at a dilution of 1:100 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Rat lung tissue using SOCS1 Rabbit mAb (A26954) at a dilution of 1:100 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.