

Name: Purified SOCS3 mouse monoclonal antibody, clone 5D4
Product Data Sheet

Catalog: TA502921

Gene Name: Homo sapiens suppressor of cytokine signaling 3 (SOCS3)
 GeneBank accession: NM_003955
 Isotype: IgG2b

Reactivity: Human
 Test application: WB
 Clone Name: clone 5D4

Gene Synonym: ATOD4; CIS3; Cish3; SOCS-3; SSI-3; SSI3

Validation Data:

Guaranteed Applications: WB, IHC, IF, FC

Western Blot

Suggested Dilutions: WB 1:2000, IHC 1:150, IF 1:100, FLOW 1:100

Immunogen: Full length human recombinant protein of human SOCS3 (NP_003946) produced in HEK293T cell.

Components:

- Purified SOCS3 mouse monoclonal antibody, clone 5D4 (TA502921)
- 1 vial of 20ug myc-DDK tagged SOCS3 HEK293T over-expression lysate lyophilized in RIPA buffer (LC401300) (Reconstitute into 20ul of 1x SDS sample buffer before loading)

Amount:

TA502921-100 100ul

Concentration: 0.5~1.0 mg/ml (Lot Dependent)

Storage Condition: Shipped at 4C. Upon delivery store at -20C. Dilute in PBS (pH7.3) before use. Stable for 12 months from date of receipt. Avoid repeated freeze-thaws.

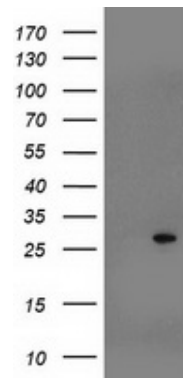
Buffer: PBS (PH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide.

Purification:

Purified from mouse ascites fluids by affinity chromatography

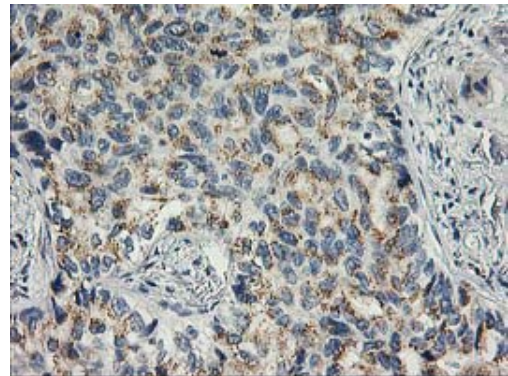
Background:

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. [provided by RefSeq].



HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY SOCS3 (RC209305, Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-SOCS3.

IHC data



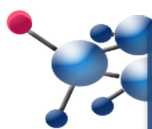
Immunohistochemical staining of paraffin-embedded Carcinoma of Human lung tissue using anti-SOCS3 mouse monoclonal antibody. (TA502921)

Related Product:

- TrueORF cDNA clones
- VERIFY Tagged Antigen lysates
- HuSH-29 shRNA
- Western Blot reagents
- Anti-myc/DDK tag antibodies

* Peptide sequence of the DDK-tag (Flag®): N-DYKDDDDK-C Flag® is a registered trademark of Sigma-Aldrich

This product is to be used for laboratory only. Not for diagnostic or therapeutic use.



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