## **SIL Antibody**

Rabbit Polyclonal

Antigen Affinity Purified Protein ID NP\_003026.2

Catalog No. A302-442A GenelD 6491

Lot No. A302-442A-1

**APPLICATIONS** WB, IP

SPECIES REACTIVITY Human, Mouse

 AMOUNT
 100 μl

 CONCENTRATION
 200 μg/ml

**STORAGE/SHELF LIFE** 2 – 8° C / 1 year from date of receipt

PHYSICAL STATE Liquid

**BUFFER** Tris-buffered Saline containing 0.1% BSA and 0.09% Sodium Azide

ISOTYPE IgG
ORIGIN USA

PRODUCTION PROCEDURES

Antibody was affinity purified using an epitope specific to SIL immobilized on solid support.

The epitope recognized by A302-442A maps to a region between residue 1237 and 1287 of human SCL/TAL1 interrupting locus using the numbering given in entry NP\_003026.2 (GeneID

6491).

Antibody concentration was determined by extinction coefficient: absorbance at 280 nm of 1.4

equals 1.0 mg of IgG.

APPLICATIONS Centrifuge tube to remove product from lid. Optimal working dilutions should be determined

experimentally by the investigator. Prepare working dilution immediately before use.

Western Blot 1:2,000 - 1:10,000

Immunoprecipitation 2 – 5 μg/mg lysate

**APPLICATION NOTES** Western blot of immunoprecipitates performed using Normal Pig Serum (Cat. No. S100-020),

Goat anti-Rabbit Light Chain HRP Conjugate (Cat. No. A120-113P) and 4-8% SDS-PAGE

(link to IP-western blot protocol in Additional Info section below).

Western blot of lysates performed using standard western blot reagents and 4-8% SDS-PAGE.

ADDITIONAL INFO https://www.bethyl.com/product/A302-442A

Use the link above to view SDS, a current list of citations, and other product specific information.

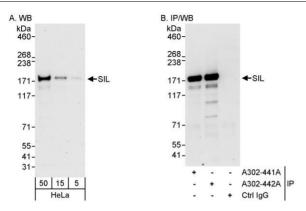
IP-western blot protocol: https://www.bethyl.com/content/protocol\_IP\_WB

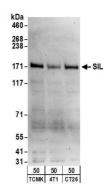
This document certifies that this product has met all of the quality control standards defined by Bethyl Laboratories, Inc. Eric McIntush, PhD | Chief Scientific Officer

Date: June 21, 2019



SIL Antibody A302-442A





Detection of human SIL by western blot and immunoprecipitation. Samples: Whole cell lysate (5, 15 and 50 μg for WB; 1 mg for IP, 20% of IP loaded) from HeLa cells. Antibodies: Affinity purified rabbit anti-SIL antibody A302-442A used for WB at 0.04 μg/ml (A) and 1 μg/ml (B) and used for IP at 3 μg/mg lysate. SIL was also immunoprecipitated by rabbit anti-SIL antibody A302-441A, which recognizes an upstream epitope. Detection: Chemiluminescence with exposure times of 30 seconds (A and B).

Detection of mouse SIL by western blot. Samples: Whole cell lysate (50 μg) from TCMK-1, 4T1, and CT26.WT cells. Antibodies: Affinity purified rabbit anti-SIL antibody A302-442A (lot A302-442A-1) used for WB at 0.1 μg/ml. Detection: Chemiluminescence with an exposure time of 3 minutes.