SIL Antibody

Rabbit Polyclonal

Antigen Affinity Purified Protein ID NP_003026.2

Catalog No. A302-441A GenelD 6491

Lot No. A302-441A-2

APPLICATIONS WB, IP
SPECIES REACTIVITY Human
AMOUNT 100 μI

CONCENTRATION 1000 μg/ml

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

PHYSICAL STATE Liquid

BUFFER Tris-citrate/phosphate buffer, pH 7 to 8 containing 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 A302-441A maps to a region between residue 450 and 500 of human SCL/TAL1 interrupting locus using the numbering given in entry NP_003026.2 (GenelD 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 1:10,000 - 1:25,000 Immunoprecipitation 2 - 10 µg/mg lysate

APPLICATION NOTES Western blot of immunoprecipitates performed using Normal Pig Serum (Cat. No. \$100–020),

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/A302-441A

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

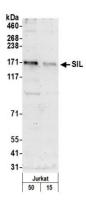
IP-western blot protocol: https://www.bethyl.com/content/protocol IP WB

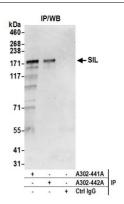
This document certifies that this product has met all of the quality control standards defined by Bethyl Laboratories, Inc. Eric McIntush, PhD | Chief Scientific Officer

Date: June 21, 2019



SIL Antibody A302-441A





Detection of human SIL by western blot. Samples: Whole cell lysate (15 and 50 μ g) from Jurkat cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-SIL antibody A302-441A (lot A302-441A-2) used for WB at 0.02 μ g/ml. Detection: Chemiluminescence with an exposure time of 3 minutes.

Detection of human SIL by western blot of immunoprecipitates. Samples: Whole cell lysate (0.5 or 1.0 mg per IP reaction; 20% of IP loaded) from Jurkat cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-SIL antibody A302-441A (lot A302-441A-2) used for IP at 6 μg per reaction. SIL was also immunoprecipitated by rabbit anti-SIL antibody A302-442A. For blotting immunoprecipitated SIL, A302-441A was used at 0.1 μg/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.