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Produktinformation



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Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

mail@szabo-scandic.com

www.szabo-scandic.com

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

SSB1 Antibody

Rabbit Polyclonal

Antigen Affinity Purified

Protein ID NP_076973.1

Catalog No. A301-938A

GeneID 79035

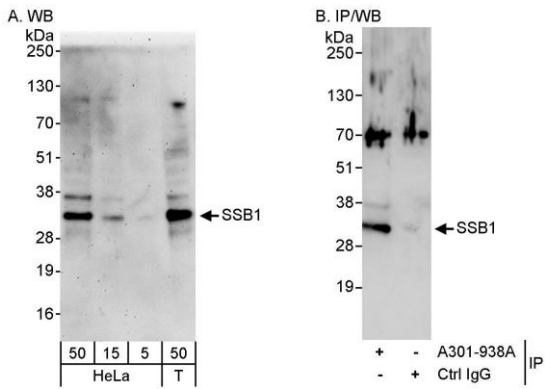
Lot No. A301-938A-1



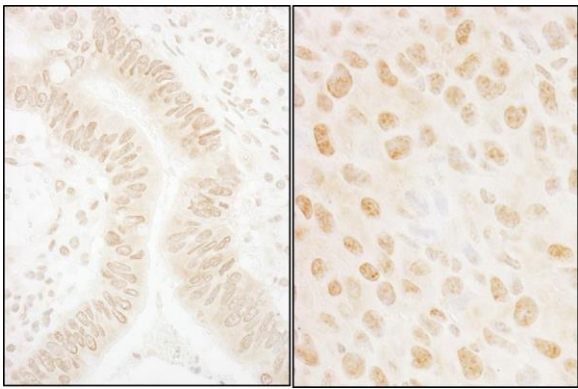
APPLICATIONS	WB, IP, IHC						
SPECIES REACTIVITY	Human, Mouse						
PRESUMED REACTIVITY	Based on 100% sequence identity, this antibody is predicted to react with Rat and Bovine						
AMOUNT	100 µl						
CONCENTRATION	1000 µg/ml						
STORAGE/SHELF LIFE	2 – 8° C / 1 year from date of receipt						
PHYSICAL 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 SSB1 immobilized on solid support. The epitope recognized by A301-938A maps to a region between residue 161 and 211 of human single-stranded DNA-binding protein 1 using the numbering given in entry NP_076973.1 (GeneID 79035). Immunoglobulin 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. <table><tr><td>Western Blot</td><td>1:2,000 – 1:10,000</td></tr><tr><td>Immunoprecipitation</td><td>2 – 5 µg/mg lysate</td></tr><tr><td>Immunohistochemistry</td><td>1:1,000 – 1:5,000. Epitope retrieval with Tris-EDTA pH 9.0 is recommended for human tissues. Epitope retrieval with citrate buffer pH 6.0 is recommended for mouse tissues.</td></tr></table>	Western Blot	1:2,000 – 1:10,000	Immunoprecipitation	2 – 5 µg/mg lysate	Immunohistochemistry	1:1,000 – 1:5,000. Epitope retrieval with Tris-EDTA pH 9.0 is recommended for human tissues. Epitope retrieval with citrate buffer pH 6.0 is recommended for mouse tissues.
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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 4-20% SDS-PAGE (link to IP-western blot protocol in Additional Info section below). Western blot of lysates performed using standard western blot reagents and 4-20% SDS-PAGE.						
IHC HUMAN CONTROLS	Colon Carcinoma						
IHC MOUSE CONTROLS	Squamous Cell Carcinoma						
ADDITIONAL INFO	https://www.bethyl.com/product/A301-938A 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



Detection of human SSB1 by western blot and immunoprecipitation. *Samples:* Whole cell lysate from HeLa (5, 15 and 50 µg for WB) and HEK293T (T; 50 µg for WB; 1 mg for IP, 20% of IP loaded) cells. *Antibody:* Affinity purified rabbit anti-SSB1 antibody A301-938A used for WB at 0.4 µg/ml (A) and 1 µg/ml (B) and used for IP at 3 µg/mg lysate. *Detection:* Chemiluminescence with exposure times of 3 minutes (A) and 5 seconds (B).



Detection of human and mouse SSB1 by immunohistochemistry. *Sample:* FFPE sections of human colon carcinoma (left) and mouse squamous cell carcinoma (right). *Antibody:* Affinity purified rabbit anti-SSB1 (Cat. No. A301-938A Lot1) used at a dilution of 1:1,000 (1 µg/ml). *Detection:* DAB