SPICE Antibody

Rabbit Polyclonal

Antigen Affinity Purified Protein ID NP_653319.1

Catalog No. A303-273A GenelD 152185

Lot No. A303-273A-1

APPLICATIONS WB, IP
SPECIES REACTIVITY Human

PRESUMED REACTIVITY Based on 100% sequence identity, this antibody is predicted to react with Bovine and Orangutan

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 SPICE immobilized on solid support.

The epitope recognized by A303-273A maps to a region between residue 805 and 855 of human Spindle and Centriole Associated Protein 1 using the numbering given in entry NP_653319.1

(GeneID 152185).

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 – 10 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/A303-273A

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

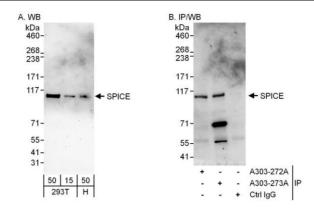
IP-western blot protocol: https://www.bethyl.com/content/protocol_IP_WB

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



SPICE Antibody A303-273A



Detection of human SPICE by western blot and immunoprecipitation. Samples: Whole cell lysate from HEK293T (15 and 50 μ g for WB; 1 mg for IP, 20% of IP loaded) and HeLa (H; 50 μ g) cells. Antibodies: Affinity purified rabbit anti–SPICE antibody A303–273A used for WB at 0.1 μ g/ml (A) and 1 μ g/ml (B) and used for IP at 6 μ g/mg lysate. SPICE was also immunoprecipitated by rabbit anti–SPICE antibody A303–272A, which recognizes an upstream epitope. Detection: Chemiluminescence with exposure times of 3 minutes (A) and 10 seconds (B).