

Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten! See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere Liefer- und Versandbedingungen

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- Trockeneiszuschlag
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SPTAN1/Alpha II-spectrin Antibody

Rabbit Polyclonal

Antigen Affinity Purified Protein ID NP_003118.1

Catalog No. A301-249A GenelD 6709

Lot No. A301-249A-1

APPLICATIONS WB, IHC, IHC-IF
SPECIES REACTIVITY Human, Mouse

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

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 SPTAN1/Alpha II-spectrin immobilized

on solid support.

The epitope recognized by A301-249A maps to a region between residue 2422 and 2472 of human spectrin, alpha, non-erythrocytic 1 using the numbering given in entry NP_003118.1

(GeneID 6709).

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.

Western Blot 1:2,000 - 1:10,000
Immunoprecipitation Not recommended

Immunohistochemistry 1:100 - 1:500. Epitope retrieval with citrate buffer pH 6.0 is

recommended for FFPE tissue sections.

Immunofluorescence

(IHC)

1:50 - 1:250

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

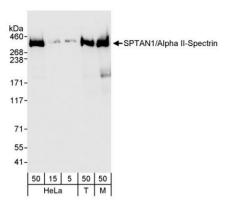
IHC HUMAN CONTROLS Breast Carcinoma, Colon Carcinoma

ADDITIONAL INFO https://www.bethyl.com/product/A301-249A

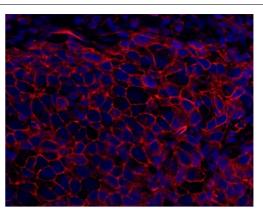
Use the link above to view SDS, a current list of citations, and other product specific information.

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

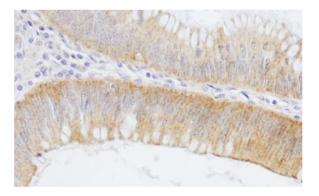




Detection of human and mouse SPTAN1/Alpha II-Spectrin by western blot. Samples: Whole cell lysate from HeLa (5, 15 and 50 μ g), HEK293T (T; 50 μ g), and mouse NIH 3T3 (M; 50 μ g) cells. Antibody: Affinity purified rabbit anti-SPTAN1/Alpha II-Spectrin antibody A301-249A used for WB at 0.04 μ g/ml Detection: Chemiluminescence with an exposure time of 3 seconds.



Detection of human SPTAN1/Alpha II-Spectrin by immunohistochemistry. *Sample:* FFPE section of human breast carcinoma. *Antibody:* Affinity purified rabbit anti-SPTAN1/Alpha II-Spectrin (Cat. No. A301-249A Lot1) used at a dilution of 1:200 (1µg/ml). *Detection:* Red-fluorescent goat anti-rabbit IgG-heavy and light chain cross-adsorbed Antibody DyLight® 594 Conjugated used at a dilution of 1:100.



Detection of human SPTAN1/Alpha II-Spectrin by immunohistochemistry. *Sample:* FFPE section of human colon carcinoma. *Antibody:* Affinity purified rabbit anti-SPTAN1/Alpha II-Spectrin (Cat. No. A301-249A Lot1) used at a dilution of 1:200 (1µg/ml). *Detection:* DAB