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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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ZAK Antibody

Rabbit Polyclonal

Antigen Affinity Purified

Protein ID NP_057737.2

Catalog No. A301-994A

GeneID 51776

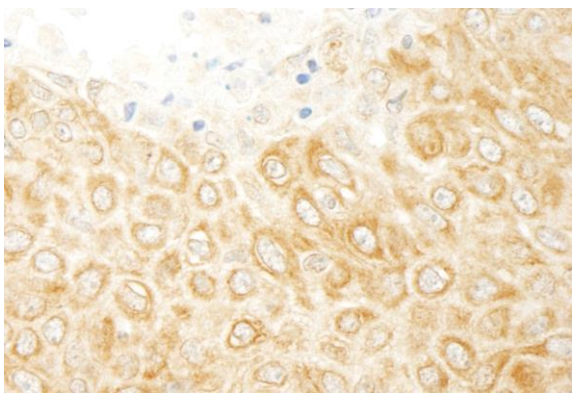
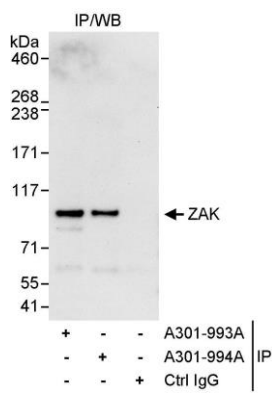
Lot No. A301-994A-1



APPLICATIONS	IP, IHC
SPECIES REACTIVITY	Human
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 ZAK immobilized on solid support. The epitope recognized by A301-994A maps to a region between residue 750 and 800 of human sterile alpha motif and leucine zipper containing kinase AZK using the numbering given in entry NP_057737.2 (GeneID 51776). 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 Not recommended. Use rabbit anti-ZAK antibody A301-993A. Immunoprecipitation 2 – 5 µg/mg lysate Immunohistochemistry 1:500 – 1:2,000. Epitope retrieval with citrate buffer pH 6.0 is recommended for FFPE tissue sections.
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).
IHC HUMAN CONTROLS	Ovarian Carcinoma, Skin Squamous Cell Carcinoma
ADDITIONAL INFO	https://www.bethyl.com/product/A301-994A 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 ZAK by western blot of immunoprecipitates. *Samples:* Whole cell lysate (1 mg for IP, 20% of IP loaded) from HeLa cells. *Antibodies:* Affinity purified rabbit anti-ZAK antibody A301-994A used for IP at 3 µg/mg lysate. ZAK was also immunoprecipitated by rabbit anti-ZAK antibody A301-993A, which recognizes an upstream epitope. For blotting immunoprecipitated ZAK, A301-993A was used at 1 µg/ml. *Detection:* Chemiluminescence with an exposure time of 30 seconds.

Detection of human ZAK by immunohistochemistry. *Sample:* FFPE section of human skin carcinoma. *Antibody:* Affinity purified rabbit anti- ZAK (Cat. No. A301-994A Lot1) used at a dilution of 1:1,000 (1 µg/ml). *Detection:* DAB

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