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Produktinformation



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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) 

Bub1 Antibody

Rabbit Polyclonal

Antigen Affinity Purified

Protein ID O43683

Catalog No. A300-373A

GeneID 699

Lot No. A300-373A-2



APPLICATIONS	WB, 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 Bub1 immobilized on solid support.

The epitope recognized by A300-373A maps to a region between residues 1 and 50 human budding uninhibited by benzimidazoles 1 using the numbering given in Swiss-Prot entry O43683 (GeneID 699).

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 1:1,000 - 1:5,000

Immunoprecipitation 2 - 10 µg/mg lysate

Immunohistochemistry 1:500 - 1:2,000. Epitope retrieval with Tris-EDTA pH 9.0 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).

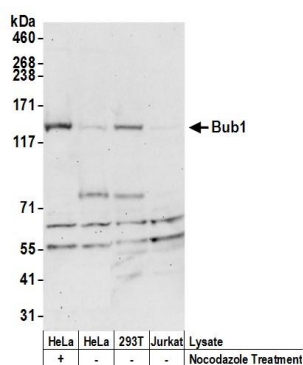
IHC HUMAN CONTROLS Western blot of lysates performed using standard western blot reagents and 4-8% SDS-PAGE. Colon Carcinoma

ADDITIONAL INFO <https://www.bethyl.com/product/A300-373A>

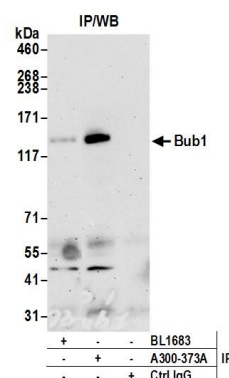
Use the link above to view SDS, a current list of citations, and other product specific information.

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

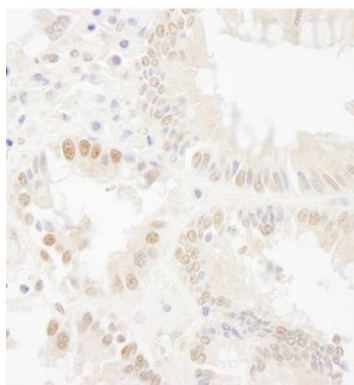
This document certifies that this product has met all of the quality control standards defined by Bethyl Laboratories, Inc.
Eric McIntush, PhD | Chief Scientific Officer Date: June 21, 2019



Detection of human Bub1 by western blot. *Samples:* Whole cell lysate (50 µg) from HeLa treated with nocodazole (+) or mock treated (-), HEK293T, and Jurkat cells prepared using NETN lysis buffer. *Antibody:* Affinity purified rabbit anti-Bub1 antibody A300-373A (lot A300-373A-2) used for WB at 0.4 µg/ml. *Detection:* Chemiluminescence with an exposure time of 30 seconds



Detection of human Bub1 by western blot of immunoprecipitates. *Samples:* Whole cell lysate (1.0 mg per IP reaction; 20% of IP loaded) from HeLa cells treated with nocodazole. *Antibodies:* Affinity purified rabbit anti-Bub1 antibody A300-373A (lot A300-373A-2) used for IP at 6 µg per reaction. Bub1 was also immunoprecipitated by rabbit anti-Bub1 antibody BL1683. For blotting immunoprecipitated Bub1, A300-373A was used at 1 µg/ml. *Detection:* Chemiluminescence with an exposure time of 3 minutes.



Detection of human Bub1 by immunohistochemistry. *Sample:* FFPE section of human colon carcinoma. *Antibody:* Affinity purified rabbit anti-Bub1 (Cat. No. A300-373A) used at a dilution of 1:1,000 (1 µg/ml). *Detection:* DAB