## **Bub1** Antibody

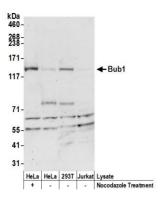
Rabbit Polyclonal Antigen Affinity Purified			Protein ID	O43683		
Catalog No. Lot No.	A300-3 A300-3	-	GenelD	699	BETHYL LABORATORIES, INC	
APPLICATIONS		WB, IP, IHC				
SPECIES REACTIVITY		Human				
AMOUNT		100 μΙ				
CONCENTRATION		1000 μg/ml				
STORAGE/SHELF LIFE		2 - 8° C / 1 year from date of receipt				
PHYSICAL STATE		Liquid				
BUFFER		Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide				
ISOTYPE		lgG				
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		
		Immunoprecipitat	tion 2 –	10 µg/mg lysate		
		Immunohistocher		00 – 1:2,000. Epitope retrieval with Tris- ommended for FFPE tissue sections.	EDTA pH 9.0 is	
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 lys Colon Carcinoma	estern blot of lysates performed using standard western blot reagents and 4–8% SDS-PAGE. blon 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

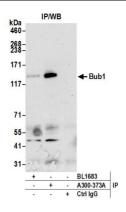
This document certifies that this product has met all of the quality control standards defined by Bethyl Laboratories, Inc. Eric McIntush, PhD | Chief Scientific Officer Date: June 21, 2019

Bethyl Laboratories, Inc. • 25043 West FM 1097 • Montgomery, TX 77356 • 800.338.9579 • 936.597.6111 • 866.597.6105 (FAX) • www.bethyl.com • technical@bethyl.com

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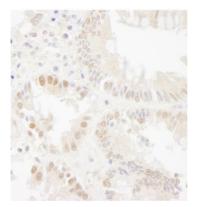


Detection of human Bub1 by western blot. Samples: Whole cell lysate (50  $\mu$ g) from HeLa treated with nacodazole (+) or mock treated (-), HEK293T. and Jurkat cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-Bub1 antibody A300-373A (lot A300-373A-2) used for WB at 0.4  $\mu$ g/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  $\mu$ g per reaction. Bub1 was also immunoprecipitated by rabbit anti-Bub1 antibody BL1683. For blotting immunoprecipitated Bub1, A300-373A was used at 1  $\mu$ g/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 (1µg/ml). *Detection:* DAB

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