Phospho Chk1 (S317) Antibody

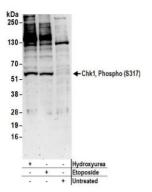
Rabbit Polyclonal					
Antigen Affinity Purified			Protein ID	NP_001265.1	
Catalog No. A304–673A			GenelD	1111	
Lot No.	A304-6	573A-1			LABORATORIES, INC
APPLICATIONS		WB, IHC			
SPECIES REACTIVITY		Human			
AMOUNT		100 µl			
CONCENTRATION		1000 μg/ml			
STORAGE/SHELF LIFE		2 - 8° C / 1 year from date 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 Chk1, Phospho (S317) immobilized on solid support.			
APPLICATIONS		Immunogen for A304-673A was a phosphorylated synthetic peptide, which represented a portion of human Checkpoint Kinase 1 (GeneID 1111) around serine 317 according to the numbering given in entry NP_001265.1. of human Checkpoint Kinase 1 using the numbering given in entry NP_001265.1 (GeneID 1111).			
		Antibody concentration was determined by extinction coefficient: absorbance at 280 nm of 1.4 equals 1.0 mg of IgG.			
		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	
		Immunoprecipita	ation Not	recommended	
		Immunohistoche		00 – 1:2,000. Epitope retrieval with citra ommended for FFPE tissue sections.	tte buffer pH 6.0 is
APPLICATION NOTES Western blot of		Western blot of ly	ysates perfor	med using standard western blot reager	nts and 4-20% SDS-PAGE.
IHC HUMAN CONTROLS Breast Carcinoma					
ADDITIONAL INFO https://www.bethyl.com/product/A304-673A Use the link above to view SDS, a current list of citations, and other product specific inform				roduct specific information.	

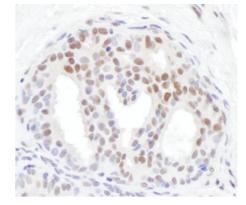
This document certifies that this product has met all of the quality control standards defined by Bethyl Laboratories, Inc. Eric McIntush, PhD | Chief Scientific Officer Date: June 21, 2019

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A304-673A





Detection of human Chk1, Phospho (S317) by western blot. Samples: Whole cell lysate (50 μ g) from HeLa cells prepared using NETN lysis buffer treated with hydroxyurea (2mM for 24 hours), etoposide (100uM for 4 hours), or untreated. Antibodies: Affinity purified rabbit anti-Chk1, Phospho (S317) antibody A304-673A (lot A304-673A-1) used for WB at 0.2 μ g/ml. Detection: Chemiluminescence with an exposure time of 3 minutes. Detection of human Chk1, Phospho (S317) by immunohistochemistry. *Sample:* FFPE section of human breast carcinoma. *Antibody:* Affinity purified rabbit anti-Chk1, Phospho (S317) (Cat. No. A304–673A Lot1) used at a dilution of 1:1,000 (1µg/ml). *Detection:* DAB. *Counterstain:* IHC Hematoxylin (blue).