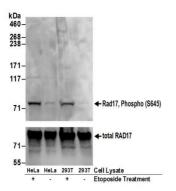
Phospho Rad17 (S645) Antibody

Rabbit Polyclo Antigen Affinit Catalog No. Lot No.	finity Purified		Protein ID GenelD	NP_002864.1 5884		BETHYL
	/1500					LABORATORIES, INC
APPLICATIONS		WB, IHC				
SPECIES REACTIVITY		Human, Mouse				
PRESUMED REACTIVITY		Based on 100% sequence identity, this antibody is predicted to react with Orangutan				
AMOUNT						
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 a synthetic peptide representing phosphorylation at Serine 645 and surrounding residues of Rad17 immobilized on solid support.				
		Immunogen for A300-153A was a phosphorylated synthetic peptide, which represented a portion of human Rad17 (GeneID 5884) around serine 645 according to the numbering given in entry NP_002864.1.				
		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		
		Immunohistoche	•	00 – 1:2,000. Epitope retr ommended for FFPE tissue		ouffer pH 6.0 is
APPLICATION NOTES Western blot		Western blot of ly	of lysates performed using standard western blot reagents and 4-8% SDS-PAGE.			
IHC HUMAN CO	NTROLS	Breast Carcinoma, Colon Carcinoma, Ovarian Carcinoma, Testis				
IHC MOUSE CON	NTROLS	Hybridoma Tumor, Renal Cell Carcinoma, Teratoma				
ADDITIONAL IN	IFO	https://www.bethyl.com/product/A300-153A Use the link above to view SDS, a current list of citations, and other product specific information.				

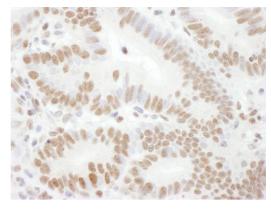
This document certifies that this product has met all of the quality control standards defined by Bethyl Laboratories, Inc. Eric McIntush, PhD | Chief Scientific Officer Date: June 21, 2019

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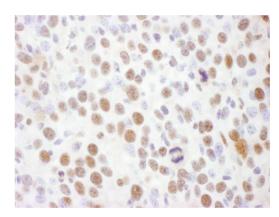
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Detection of human Rad17, Phospho (S645) by western blot. *Samples:* Whole cell lysate (50 μ g) from HeLa and HEK293T cells treated with 100 μ M etoposide for 2 hours (+) or mock treated (-) cells. *Antibodies:* Affinity purified rabbit anti-Rad17, Phospho (S645) antibody A300-153A (lot A300-153A-2) used for WB at 0.4 μ g/ml. To examine total Rad17, the membrane was reblotted with goat anti-Rad17 antibody BL239 (lower panel). *Detection:* Chemiluminescence with exposure times of 30 seconds (upper and lower panels).



Detection of human Phospho Rad17 (S645) by immunohistochemistry. *Sample:* FFPE section of human colon carcinoma. *Antibody:* Affinity purified rabbit anti-Phospho Rad17 (S645) (Cat. No. A300-153A Lot2) used at a dilution of 1:1,000 (1µg/ml). *Detection:* DAB



Detection of mouse Phospho Rad17 (S645) by immunohistochemistry. *Sample:* FFPE section of mouse renal cell carcinoma. *Antibody:* Affinity purified rabbit anti-Phospho Rad17 (S645) (Cat. No. A300–153A Lot2) used at a dilution of 1:1,000 (1µg/ml). *Detection:* DAB

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