Phospho Rad17 (S645) Antibody

Rabbit Polyclonal

Antigen Affinity Purified

Catalog No. A300-153A

Lot No. A300-153A-2

Protein ID NP_002864.1

GeneID 5884

APPLICATIONS	WB, IHC
SPECIES REACTIVITY	Human, Mouse
PRESUMED REACTIVITY	Based on 100% sequence identity, this antibody is predicted to react with Orangutan
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 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.

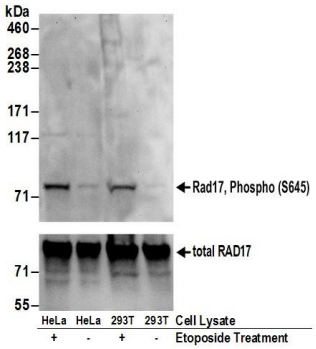
Western Blot	1:1,000 - 1:5,000
Immunohistochemistry	1:500 - 1:2,000. Epitope retrieval with citrate buffer pH 6.0 is recommended for FFPE tissue sections.

APPLICATION NOTES	Western blot of lysates performed using standard western blot reagents and 4-8% SDS-PAGE.
IHC HUMAN CONTROLS	Breast Carcinoma, Colon Carcinoma, Ovarian Carcinoma, Testis
IHC MOUSE CONTROLS	Hybridoma Tumor, Renal Cell Carcinoma, Teratoma
ADDITIONAL INFO	https://www.bethyl.com/product/A300-153A Use the link above to view SDS, a current list of citations, and other product specific information.

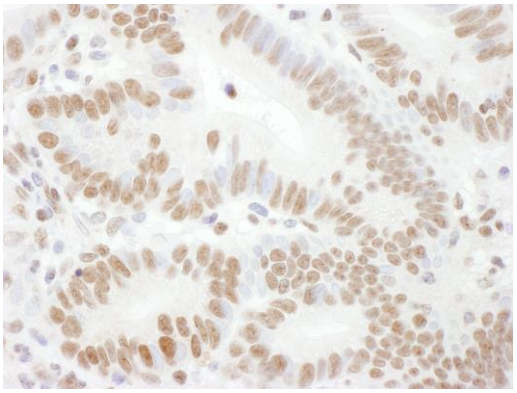
This document certifies that this product has met all of the quality control standards defined by Bethyl Laboratories, Inc.

Eric McIntush, PhD | Chief Scientific Officer

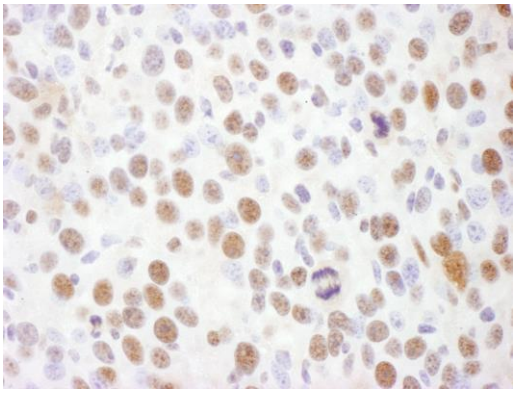
Date: June 21, 2019



Detection of human Rad17, Phospho (S645) by western blot. *Samples:* Whole cell lysate (50 µg) from HeLa and HEK293T cells treated with 100 µM 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 µg/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