



# SZABO SCANDIC

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## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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# Phospho Rad17 (S645) Antibody

Rabbit Polyclonal

Antigen Affinity Purified

Protein ID NP\_002864.1

Catalog No. A300-153A

GeneID 5884

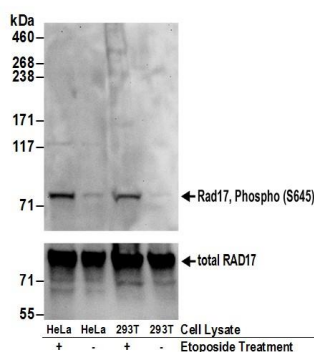
Lot No. A300-153A-2



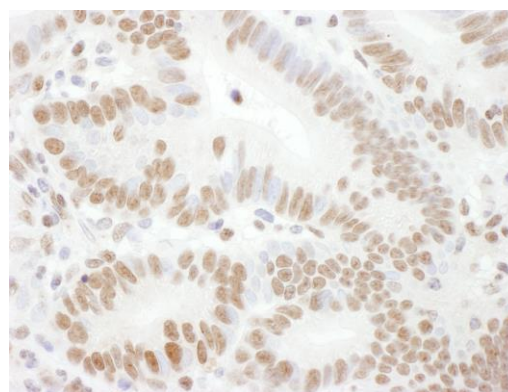
<b>APPLICATIONS</b>	WB, IHC				
<b>SPECIES REACTIVITY</b>	Human, Mouse				
<b>PRESUMED REACTIVITY</b>	Based on 100% sequence identity, this antibody is predicted to react with Orangutan				
<b>AMOUNT</b>	100 µl				
<b>CONCENTRATION</b>	1000 µg/ml				
<b>STORAGE/SHELF LIFE</b>	2 – 8° C / 1 year from date of receipt				
<b>PHYSICAL STATE</b>	Liquid				
<b>BUFFER</b>	Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide				
<b>ISOTYPE</b>	IgG				
<b>ORIGIN</b>	USA				
<b>PRODUCTION PROCEDURES</b>	<p>Antibody was affinity purified using a synthetic peptide representing phosphorylation at Serine 645 and surrounding residues of Rad17 immobilized on solid support.</p> <p>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.</p> <p>Immunoglobulin concentration was determined by extinction coefficient: absorbance at 280 nm of 1.4 equals 1.0 mg of IgG.</p>				
<b>APPLICATIONS</b>	<p>Centrifuge tube to remove product from lid. Optimal working dilutions should be determined experimentally by the investigator. Prepare working dilution immediately before use.</p> <table><tr><td>Western Blot</td><td>1:1,000 – 1:5,000</td></tr><tr><td>Immunohistochemistry</td><td>1:500 – 1:2,000. Epitope retrieval with citrate buffer pH 6.0 is recommended for FFPE tissue sections.</td></tr></table>	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.
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<b>APPLICATION NOTES</b>	Western blot of lysates performed using standard western blot reagents and 4–8% SDS-PAGE.				
<b>IHC HUMAN CONTROLS</b>	Breast Carcinoma, Colon Carcinoma, Ovarian Carcinoma, Testis				
<b>IHC MOUSE CONTROLS</b>	Hybridoma Tumor, Renal Cell Carcinoma, Teratoma				
<b>ADDITIONAL INFO</b>	<p><a href="https://www.bethyl.com/product/A300-153A">https://www.bethyl.com/product/A300-153A</a></p> <p>Use the link above to view SDS, a current list of citations, and other product specific information.</p>				

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

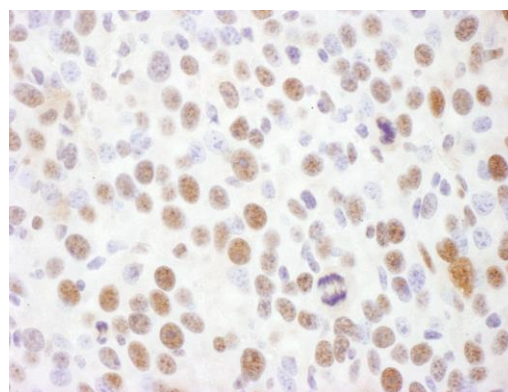
Date: June 21, 2019



**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 (1 µg/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 (1 µg/ml). *Detection:* DAB