

# Rad9 Antibody

Rabbit Polyclonal

Antigen Affinity Purified Protein ID NP\_004575.1

Catalog No. A300-890A GeneID 5883

Lot No. A300-890A-2

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<b>APPLICATIONS</b>	WB, IP, IHC
<b>SPECIES REACTIVITY</b>	Human
<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>	Antibody was affinity purified using an epitope specific to Rad9 immobilized on solid support.

The epitope recognized by A300-890A maps to a region between residue 350 and the C-terminus (residue 391) of human Rad9 using the numbering given in entry NP\_004575.1 (GeneID 5883).

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 1:2,000 – 1:10,000

Immunoprecipitation 2 – 10 µg/mg lysate

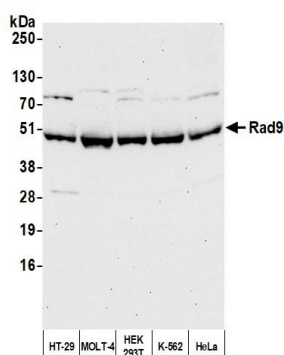
Immunohistochemistry 1:500 – 1:2,000. Epitope retrieval with citrate buffer pH6.0 is recommended for FFPE tissue sections.

**IHC HUMAN CONTROLS** Breast Carcinoma, Ovarian Carcinoma, Prostate Carcinoma

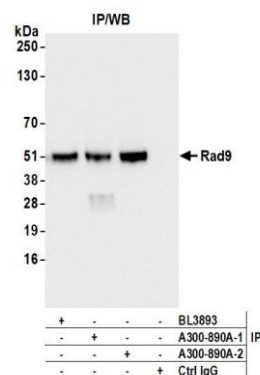
**ADDITIONAL INFO** <https://www.fortislife.com/p/A300-890A>

Use the link above to view SDS, a current list of citations, and other product specific information.

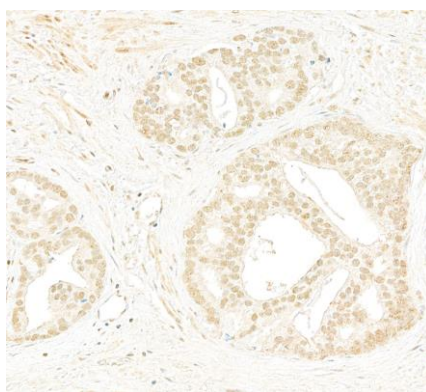
This document certifies that this product has met all of the quality control standards defined by Bethyl Laboratories, Inc.  
Michael Spencer, PhD Date: August 5, 2022



**Detection of human Rad9 by western blot.** *Samples:* Whole cell lysate (25 µg) from HT-29, MOLT-4, HEK293T, K-562, and HeLa cells prepared using NETN lysis buffer. *Antibody:* Affinity purified rabbit anti-Rad9 antibody (A300-890A lot 2) used for WB at 0.1 µg/ml. *Detection:* Chemiluminescence with an exposure time of 30 seconds.



**Detection of human Rad9 by western blot of immunoprecipitates.** *Samples:* Whole cell lysate (1.0 mg per IP reaction; 20% of IP loaded) from HEK293T cells prepared using NETN lysis buffer. *Antibodies:* Affinity purified rabbit anti-Rad9 antibody (A300-890A lot 2) used for IP at 6 µg per reaction. Rad9 was also immunoprecipitated by a previous lot of this antibody (A300-890A lot 1) and a second antibody against a different epitope of Rad9 (BL3892). For blotting immunoprecipitated Rad9, A300-890A was used at 0.1 µg/ml. *Detection:* Chemiluminescence with an exposure time of 1 second.



**Detection of human Rad9 by immunohistochemistry.**

*Sample:* FFPE section of human prostate carcinoma.  
*Antibody:* Affinity purified rabbit anti-Rad9 (Cat. No. A300-890A Lot 2) used at a dilution of 1:1,000 (1 µg/ml).  
*Detection:* DAB