

Rad21 Antibody

Rabbit Polyclonal

Antigen Affinity Purified

RefSeq ID NP_006256.1

Catalog No. A300-080A

Uniprot ID O60216

Lot No. 11

GeneID 5885

APPLICATIONS	WB, IP
SPECIES REACTIVITY	Human, Mouse
PRESUMED REACTIVITY	Based on 100% sequence identity, this antibody is predicted to react with Bovine
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 Rad21 immobilized on solid support.

The epitope recognized by A300-080A maps to a region between residue 575 and the C-terminus (residue 631) human Rad21 homolog using the numbering given in entry NP_006256.1 (GeneID 5885).

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.

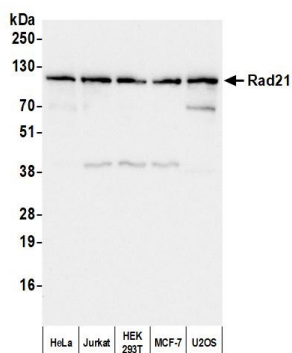
Western Blot 1:10,000 – 1:25,000

Immunoprecipitation 2 – 10 µg/mg lysate

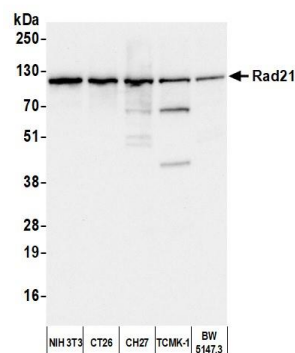
ADDITIONAL INFO <https://www.fortislife.com/p/A300-080A>

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

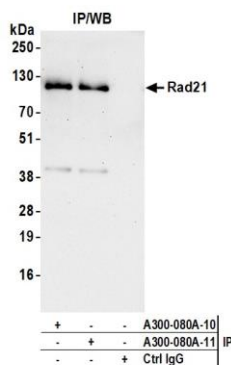
This document certifies that this product has met all of the quality control standards defined by Bethyl Laboratories, Inc.
Michael Spencer, PhD Date: April 21, 2023



Detection of human Rad21 by western blot. *Samples:* Whole cell lysate (10 μ g) from HeLa, Jurkat, HEK293T, MCF-7, and U2OS cells prepared using NETN lysis buffer. *Antibody:* Affinity purified rabbit anti-Rad21 antibody (A300-080A lot 11) used for WB at 0.04 μ g/ml. *Detection:* Chemiluminescence with an exposure time of 30 seconds.



Detection of mouse Rad21 by western blot. *Samples:* Whole cell lysate (10 μ g) from NIH 3T3, CT26, CH27, TCMK-1, and BW5147.3 cells prepared using NETN lysis buffer. *Antibody:* Affinity purified rabbit anti-Rad21 antibody (A300-080A lot 11) used for WB at 0.04 μ g/ml. *Detection:* Chemiluminescence with an exposure time of 30 seconds.



Detection of human Rad21 by western blot of immunoprecipitates. *Samples:* Whole cell lysate (1.0 mg per IP reaction; 5% of IP loaded) from HEK293T cells prepared using NETN lysis buffer. *Antibodies:* Affinity purified rabbit anti-Rad21 antibody (A300-080A lot 11) used for IP at 6 μ g per reaction. Rad21 was also immunoprecipitated by a previous lot of this antibody (A300-080A lot 10). For blotting immunoprecipitated Rad21, A300-080A was used at 0.04 μ g/ml. *Detection:* Chemiluminescence with an exposure time of 75 seconds.