

CDK9 Antibody

Rabbit Polyclonal

Antigen Affinity Purified

Protein ID NP_001252.1

Catalog No. A303-492A

GeneID 1025

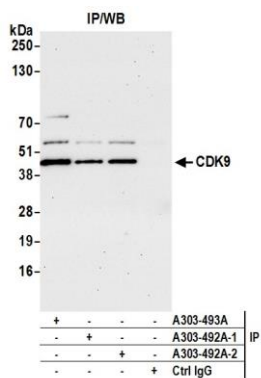
Lot No. A303-492A-2



APPLICATIONS	IP
SPECIES REACTIVITY	Human
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	<p>Antibody was affinity purified using an epitope specific to CDK9 immobilized on solid support.</p> <p>The epitope recognized by A303-492A maps to a region between residue 1 and 50 of human Cyclin-Dependent Kinase 9 using the numbering given in entry NP_001252.1 (GeneID 1025).</p> <p>Antibody concentration was determined by extinction coefficient: absorbance at 280 nm of 1.4 equals 1.0 mg of IgG.</p>
APPLICATIONS	<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> <p>Western Blot Not recommended</p> <p>Immunoprecipitation 2 – 10 µg/mg lysate</p>
APPLICATION NOTES	Western blot of immunoprecipitates performed using Normal Pig Serum (Cat. No. S100-020), Goat anti-Rabbit Light Chain HRP Conjugate (Cat. No. A120-113P) and 4-20% SDS-PAGE (link to IP-western blot protocol in Additional Info section below).
ADDITIONAL INFO	<p>https://www.bethyl.com/product/A303-492A</p> <p>Use the link above to view SDS, a current list of citations, and other product specific information.</p> <p>IP-western blot protocol: https://www.bethyl.com/content/protocol_IP_WB</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 24, 2019



Detection of human CDK9 by western blot of immunoprecipitates. *Samples:* Whole cell lysate (1.0 mg per IP reaction; 20% of IP loaded) from Jurkat cells prepared using NETN lysis buffer. *Antibodies:* Affinity purified rabbit anti-CDK9 antibody A303-492A (lot A303-492A-2) used for IP at 6 µg per reaction. CDK9 was also immunoprecipitated by a previous lot of this antibody (lot A303-492A-1) and rabbit anti-CDK9 antibody A303-493A. For blotting immunoprecipitated CDK9, A303-493A was used at 1 µg/ml. *Detection:* Chemiluminescence with an exposure time of 30 seconds.