DCK Antibody

Rabbit Polyclonal

Antigen Affinity Purified

Catalog No. A304-266A

Lot No. A304-266A-1

Protein ID NP_000779.1

GeneID 1633

APPLICATIONS	WB, IP, IHC
SPECIES REACTIVITY	Human, Mouse
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 DCK immobilized on solid support. The epitope recognized by A304-266A maps to a region between residue 210 to 260 of human Deoxycytidine Kinase using the numbering given in entry NP_000779.1 (GeneID 1633). Antibody 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.

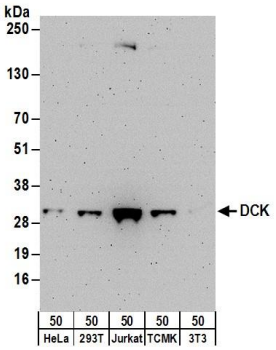
Western Blot	1:2,000 - 1:10,000
Immunoprecipitation	2 - 10 µg/mg lysate
Immunohistochemistry	1:1,000 - 1:5,000. Epitope retrieval with citrate buffer pH 6.0 is recommended for FFPE tissue sections.

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). Western blot of lysates performed using standard western blot reagents and 4-20% SDS-PAGE.
IHC HUMAN CONTROLS	Ovarian Carcinoma, Prostate Carcinoma
IHC MOUSE CONTROLS	Hybridoma Tumor, Renal Cell Carcinoma, Teratoma
ADDITIONAL INFO	https://www.bethyl.com/product/A304-266A Use the link above to view SDS, a current list of citations, and other product specific information. IP-western blot protocol: https://www.bethyl.com/content/protocol_IP_WB

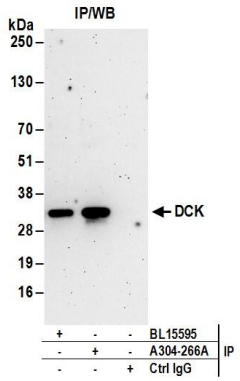
This document certifies that this product has met all of the quality control standards defined by Bethyl Laboratories, Inc.

Eric McIntush, PhD | Chief Scientific Officer

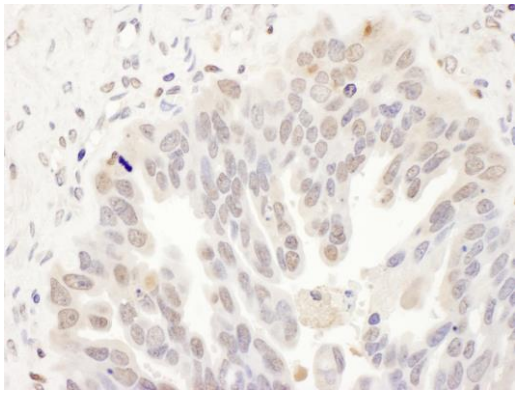
Date: June 21, 2019



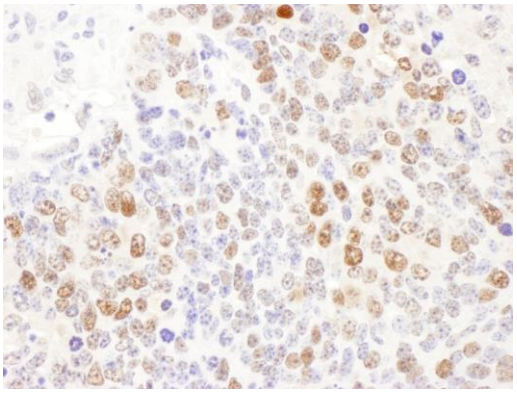
Detection of human and mouse DCK by western blot. *Samples:* Whole cell lysate (50 µg) from HeLa, HEK293T, Jurkat, mouse TCMK-1, and mouse NIH 3T3 cells. *Antibodies:* Affinity purified rabbit anti-DCK antibody A304-266A (lot A304-266A-1) used for WB at 0.1 µg/ml. *Detection:* Chemiluminescence with an exposure time of 3 minutes.



Detection of human DCK by western blot of immunoprecipitates. *Samples:* Whole cell lysate (0.5 or 1.0 mg per IP reaction; 20% of IP loaded) from HeLa cells. *Antibodies:* Affinity purified rabbit anti-DCK antibody A304-266A (lot A304-266A-1) used for IP at 6 µg per reaction. DCK was also immunoprecipitated by rabbit anti-DCK antibody BL15595. For blotting immunoprecipitated DCK, A304-266A was used at 1 µg/ml. *Detection:* Chemiluminescence with an exposure time of 3 minutes.



Detection of human DCK by immunohistochemistry. *Sample:* FFPE section of human ovarian carcinoma. *Antibody:* Affinity purified rabbit anti- DCK (Cat. No. A304-266A Lot1) used at a dilution of 1:1,000 (1µg/ml). *Detection:* DAB



Detection of mouse DCK by immunohistochemistry. *Sample:* FFPE section of mouse teratoma. *Antibody:* Affinity purified rabbit anti- DCK (Cat. No. A304-266A Lot1) used at a dilution of 1:1,000 (1µg/ml). *Detection:* DAB