## CDC123/C10orf7 Antibody

Rabbit Polyclonal

Antigen Affinity Purified Protein ID 075794.1

Catalog No. A304-943A GenelD 8872

Lot No. A304-943A-1

APPLICATIONS WB, IP

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** Antibody was affinity purified using an epitope specific to CDC123/C10orf7 immobilized on

**PROCEDURES** solid support.

The epitope recognized by A304–943A maps to a region between residue 275 to 325 of human

Cell division cycle protein 123 homolog using the numbering given in entry O75794.1 (GeneID

8872).

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 1:500 - 1:2,500

Immunoprecipitation 2 – 10 µg/mg lysate

**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.

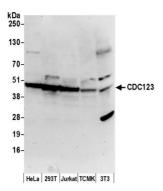
ADDITIONAL INFO https://www.bethyl.com/product/A304-943A

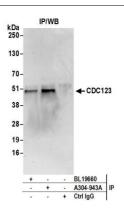
Use the link above to view SDS, a current list of citations, and other product specific information.

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 CDC123 by western blot. Samples: Whole cell lysate (50  $\mu$ g) from HeLa, HEK293T, Jurkat, mouse TCMK-1, and mouse NIH 3T3 cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-CDC123 antibody A304-943A (lot A304-943A-1) used for WB at 1  $\mu$ g/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.

Detection of human CDC123 by western blot of immunoprecipitates. *Samples:* Whole cell lysate (0.5 or 1.0 mg per IP reaction; 20% of IP loaded) from 293T cells prepared using NETN lysis buffer. *Antibodies:* Affinity purified rabbit anti-CDC123 antibody A304-943A (lot A304-943A-1) used for IP at 6 μg per reaction. CDC123 was also immunoprecipitated by rabbit anti-CDC123 antibody BL19660. For blotting immunoprecipitated CDC123, A304-943A was used at 1 μg/ml. *Detection:* Chemiluminescence with an exposure time of 30 seconds.