

CDC20 Antibody

Rabbit Polyclonal

Antigen Affinity Purified

Protein ID NP_001246.2

Catalog No. A301-180A

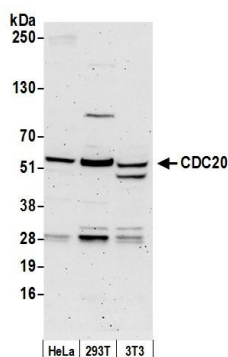
GeneID 991

Lot No. A301-180A-2

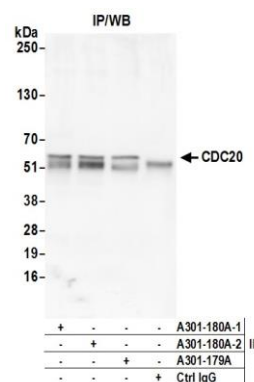


APPLICATIONS	WB, IP, IHC
SPECIES REACTIVITY	Human, Mouse
PRESUMED REACTIVITY	Based on 100% sequence identity, this antibody is predicted to react with Pig
AMOUNT	100 µl
CONCENTRATION	200 µg/ml
STORAGE/SHELF LIFE	2 - 8° C / 1 year from date of receipt
PHYSICAL STATE	Liquid
BUFFER	Tris-buffered Saline containing 0.1% BSA and 0.09% Sodium Azide
ISOTYPE	IgG
ORIGIN	USA
PRODUCTION PROCEDURES	<p>Antibody was affinity purified using an epitope specific to CDC20 immobilized on solid support.</p> <p>The epitope recognized by A301-180A maps to a region between residue 449 and 499 of human cell division cycle 20 using the numbering given in entry NP_001246.2 (GeneID 991).</p> <p>Immunoglobulin 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 1:2,000 - 1:10,000</p> <p>Immunoprecipitation 2 - 10 µg/mg lysate</p> <p>Immunohistochemistry 1:500 - 1:2,000. Epitope retrieval with citrate buffer pH 6.0 is recommended for FFPE tissue sections.</p>
APPLICATION NOTES	<p>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).</p> <p>Western blot of lysates performed using standard western blot reagents and 4-20% SDS-PAGE.</p>
IHC HUMAN CONTROLS	Breast Carcinoma, Prostate Carcinoma
IHC MOUSE CONTROLS	Plasmacytoma, Teratoma
ADDITIONAL INFO	<p>https://www.bethyl.com/product/A301-180A</p> <p>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</p>

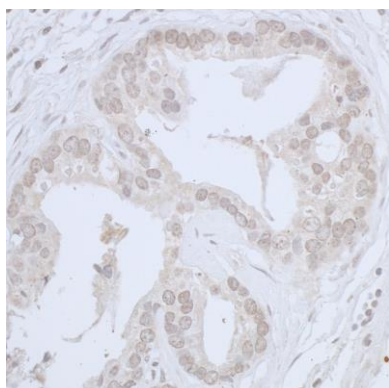
This document certifies that this product has met all of the quality control standards defined by Bethyl Laboratories, Inc.
Eric McIntush, PhD | Chief Scientific Officer Date: June 21, 2019



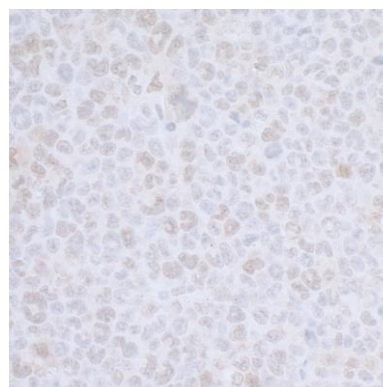
Detection of human and mouse CDC20 by western blot.
Samples: Whole cell lysate (50 µg) from HeLa, HEK293T, and mouse NIH 3T3 cells prepared using NETN lysis buffer.
Antibody: Affinity purified rabbit anti-CDC20 antibody A301-180A (lot A301-180A-2) used for WB at 0.1 µg/ml.
Detection: Chemiluminescence with an exposure time of 3 minutes.



Detection of human CDC20 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 prepared using NETN lysis buffer.
Antibodies: Affinity purified rabbit anti-CDC20 antibody A301-180A (lot A301-180A-2) used for IP at 6 µg per reaction. CDC20 was also immunoprecipitated by a previous lot of this antibody (lot A301-180A-1) and rabbit anti-CDC20 antibody A301-179A. For blotting immunoprecipitated CDC20, A301-180A was used at 1 µg/ml.
Detection: Chemiluminescence with an exposure time of 3 minutes.



Detection of human CDC20 by immunohistochemistry.
Sample: FFPE section of human prostate carcinoma.
Antibody: Affinity purified rabbit anti-CDC20 (Cat. No. A301-180A Lot2) used at a dilution of 1:1,000 (0.2µg/ml).
Detection: DAB



Detection of mouse CDC20 by immunohistochemistry.
Sample: FFPE section of mouse plasmacytoma.
Antibody: Affinity purified rabbit anti-CDC20 (Cat. No. A301-180A Lot2) used at a dilution of 1:1,000 (0.2µg/ml).
Detection: DAB