

Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

siehe unsere Liefer- und Versandbedingungen

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MDC1 Antibody

Rabbit Polyclonal

Antigen Affinity Purified Protein ID NP_055456.1

Catalog No. A300-051A GeneID 9656

Lot No. A300-051A-3

APPLICATIONS WB, IP
SPECIES REACTIVITY Human

PRESUMED REACTIVITY Based on 100% sequence identity, this antibody is predicted to react with Monkey and

Chimpanzee

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 MDC1 immobilized on solid support.

The epitope recognized by A300-051A maps to a region between residues 475 and 525 of

human Mediator of DNA Damage Checkpoint 1 using the numbering given in entry NP_055456.1 (GeneID 9656).

(Genero 9030).

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 1:2,000 - 1:10,000

Immunoprecipitation $2 - 5 \mu g/mg$ lysate

APPLICATION NOTES Western blot of lysates performed using standard western blot reagents and 4–8% SDS-PAGE.

ADDITIONAL INFO https://www.bethyl.com/product/A300-051A

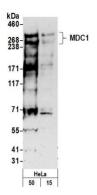
Use the link above to view SDS, a current list of citations, and other product specific information.

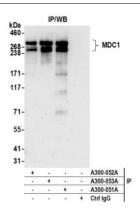
This document certifies that this product has met all of the quality control standards defined by Bethyl Laboratories, Inc. Eric McIntush, PhD | Chief Scientific Officer

Date: June 21, 2019



MDC1 Antibody A300-051A





Detection of human MDC1 by western blot. Samples: Whole cell lysate (15 and 50 μ g) from HeLa cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-MDC1 antibody A300-051A (lot A300-051A-3) used for WB at 0.1 μ g/ml. Detection: Chemiluminescence with an exposure time of 3 minutes.

Detection of human MDC1 by western blot of immunoprecipitates. Samples: Whole cell lysate (1.0 mg per IP reaction; 20% of IP loaded) from HeLa cells. Antibodies: Affinity purified rabbit anti-MDC1 antibody A300-051A (lot A300-051A-3) used for IP at 3 μg per reaction. MDC1 was also immunoprecipitated by rabbit anti-MDC1 antibodies A300-052A and A300-053A. For blotting immunoprecipitated MDC1, A300-051A was used at 0.4 μg/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.