JMJD2B Antibody

Rabbit Polyclonal

Antigen Affinity Purified Protein ID NP_055830.1

Catalog No. A301-478A GeneID 23030

Lot No. A301-478A-2

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 PROCEDURES

Antibody was affinity purified using an epitope specific to JMJD2B immobilized on solid support.

The epitope recognized by A301-478A maps to a region between residue 1056 and 1096 of human jumonji domain containing 2B using the numbering given in entry NP_055830.1 (GeneID

23030).

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 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 4-8% SDS-PAGE

(link to IP-western blot protocol in Additional Info section below).

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

ADDITIONAL INFO https://www.bethyl.com/product/A301-478A

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

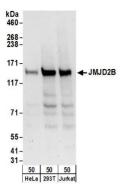
IP-western blot protocol: https://www.bethyl.com/content/protocol_IP_WB

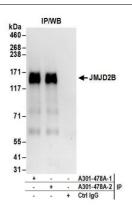
This document certifies that this product has met all of the quality control standards defined by Bethyl Laboratories, Inc. Eric McIntush, PhD | Chief Scientific Officer

Date: June 21, 2019



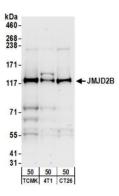
JMJD2B Antibody A301-478A





Detection of human JMJD2B by western blot. Samples: Whole cell lysate (50 μ g) from HeLa, HEK293T, and Jurkat cells. Antibodies: Affinity purified rabbit anti–JMJD2B antibody A301–478A (lot A301–478A–2) used for WB at 0.1 μ g/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.

Detection of human JMJD2B by western blot of immunoprecipitates. Samples: Whole cell lysate (1 mg for IP; 20% of IP loaded) from HeLa cells. Antibodies: Affinity purified rabbit anti–JMJD2B antibody A301–478A (lot A301–478A–2) used for IP at 6 μ g/mg lysate. JMJD2B was also immunoprecipitated by a previous lot (lot A301–478A–1) of this antibody For blotting immunoprecipitated JMJD2B, A301–478A–2 was used at 1 μ g/ml. Detection: Chemiluminescence with an exposure time of 10 seconds.



Detection of mouse JMJD2B by western blot. Samples: Whole cell lysate (50 μ g) from TCMK-1, 4T1, and CT26.WT cells. Antibodies: Affinity purified rabbit anti-JMJD2B antibody A301-478A (lot A301-478A-2) used for WB at 0.5 μ g/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.