DNAM-1/CD226 Antibody

Rabbit Polyclonal

Antigen Affinity Purified Protein ID NP_006557.2

Catalog No. A304-362A GeneID 10666

Lot No. A304-362A-1

APPLICATIONS WB, IP
SPECIES REACTIVITY Human

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

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 DNAM-1/CD226 immobilized on solid

PROCEDURES support.

The epitope recognized by A304–362A maps to a region between residue 286 to 336 of human DNAX Accessory Molecule 1 using the numbering given in entry NP_006557.2 (GeneID 10666).

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

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/A304-362A

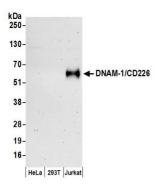
Use the link above to view SDS, a current list of citations, and other product specific information.

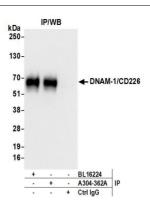
IP-western blot protocol: https://www.bethyl.com/content/protocol_IP_WB

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 DNAM-1/CD226 by western blot. Samples: Whole cell lysate (50 μg) prepared using NETN buffer from HeLa, HEK293T, and Jurkat cells. Antibodies: Affinity purified rabbit anti-DNAM-1/CD226 antibody A304-362A (lot A304-362A-1) used for WB at 0.1 μg/ml. Detection: Chemiluminescence with an exposure time of 3 minutes.

Detection of human DNAM-1/CD226 by western blot of immunoprecipitates. Samples: Whole cell lysate (0.5 or 1.0 mg per IP reaction; 20% of IP loaded) prepared using NETN buffer from Jurkat cells. Antibodies: Affinity purified rabbit anti-DNAM-1/CD226 antibody A304-362A (lot A304-362A-1) used for IP at 6 μg per reaction. DNAM-1/CD226 was also immunoprecipitated by rabbit anti-DNAM-1/CD226 antibody BL16224. For blotting immunoprecipitated DNAM-1/CD226, A304-362A was used at 1 μg/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.