## Lactate Dehydrogenase B/LDHB Antibody

Rabbit Polyclonal

Antigen Affinity Purified Protein ID P07195 Catalog No. A304-770A GeneID 3945

Lot No. A304-770A-1

**APPLICATIONS** WB. IP

SPECIES REACTIVITY Human, Mouse

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

Chimpanzee

**AMOUNT** 100 µl

CONCENTRATION  $1000 \mu g/ml$ 

STORAGE/SHELF LIFE 2 - 8° C / 1 year from date of receipt

PHYSICAL STATE Liauid

**BUFFER** Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide

**ISOTYPE** IaG **ORIGIN** USA

**PRODUCTION** Antibody was affinity purified using an epitope specific to Lactate Dehydrogenase B/LDHB **PROCEDURES** 

immobilized on solid support.

The epitope recognized by A304-770A maps to a region between residue 284 to 334 of human L-lactate dehydrogenase B chain using the numbering given in entry P07195 (GeneID 3945).

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  $2 - 10 \mu g/mg$  lysate

**APPLICATION NOTES** Western blot of immunoprecipitates performed using Normal Pig Serum (Cat. No. \$100-020),

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.

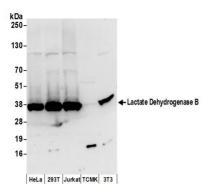
ADDITIONAL INFO https://www.bethyl.com/product/A304-770A

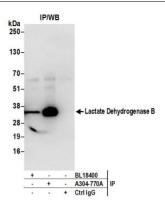
Use the link above to view SDS, a current list of citations, and other product specific information.

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 Lactate Dehydrogenase B by western blot. Samples: Whole cell lysate (50 μg) from HeLa, HEK293T, Jurkat, mouse TCMK-1, and mouse NIH 3T3 cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-Lactate Dehydrogenase B antibody A304-770A (lot A304-770A-1) used for WB at 0.1 μg/ml. Detection: Chemiluminescence with an exposure time of 10 seconds.

Detection of human Lactate Dehydrogenase B 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. Antibody: Affinity purified rabbit anti-Lactate Dehydrogenase B antibody A304-770A (lot A304-770A-1) used for IP at 6 μg per reaction. Lactate Dehydrogenase B was also immunoprecipitated by rabbit anti-Lactate Dehydrogenase B antibody BL1 8400. For blotting immunoprecipitated Lactate Dehydrogenase B, A304-770A was used at 0.4 μg/ml. Detection: Chemiluminescence with an exposure time of 10 seconds.