## DOCK180 Antibody **Rabbit Polyclonal** Antigen Affinity Purified NP 001371.1 Protein ID Catalog No. A301-287A GenelD 1793 Lot No. A301-287A-1 BOBA APPLICATIONS IP SPECIES REACTIVITY Human PRESUMED REACTIVITY Based on 100% sequence identity, this antibody is predicted to react with Mouse AMOUNT 100 ul CONCENTRATION 1000 ua/ml STORAGE/SHELF LIFE $2 - 8^{\circ} C / 1$ year from date of receipt PHYSICAL STATE Liquid BUFFER Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide ISOTYPE lgG ORIGIN USA PRODUCTION Antibody was affinity purified using an epitope specific to DOCK180 immobilized on solid PROCEDURES support. The epitope recognized by A301-287A maps to a region between residue 1715 and 1765 of human dedicator of cytokinesis, 180 kDa using the numbering given in entry NP\_001371.1 (GeneID 1793). 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 Not recommended. Use rabbit anti-DOCK180 antibody A301-288A. Immunoprecipitation 2 – 5 $\mu$ 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 4-8% SDS-PAGE (link to IP-western blot protocol in Additional Info section below). **ADDITIONAL INFO** https://www.bethyl.com/product/A301-287A 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

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| 268_<br>238- | - | -    |   |                        | D  |
| 171-         |   |      |   |                        |    |
| 117-         |   |      |   |                        |    |
| 71-          |   |      |   |                        |    |
| 55-          |   |      |   |                        |    |
| 41-          |   |      |   |                        |    |
|              | + | -    |   | A301-287A<br>A301-288A |    |
|              |   | +    |   | A301-288A              | IP |
|              | 2 |      | + | Ctrl IgG               |    |

Detection of human DOCK180 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-DOCK180 antibody A301-287A used for IP at 3  $\mu$ g/mg lysate. DOCK180 was also immunoprecipitated by rabbit anti-DOCK180 antibody A301-288A, which recognizes a downstream epitope. For blotting immunoprecipitated DOCK180, A301-288A was used at 1  $\mu$ g/ml. *Detection:* Chemiluminescence with an exposure time of 3 seconds.

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