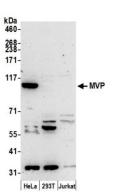
MVP/Major Vault Protein Antibody

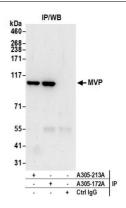
| Rabbit Polyclo | | | , Ductoin ID | 014764.4 | |
|--|--|---|-----------------|--|---------------------|
| Antigen Affinity Purified Catalog No. A305–213A | | | Protein ID | Q14764.4 | |
| Catalog No. Lot No. | | | GenelD | 9961 | BETHYL |
| Lot No. A305–213A–1 | | | | | LABORATORIES, INC |
| APPLICATIONS | | WB, IP, IHC | | | |
| SPECIES REACTIVITY | | Human | | | |
| PRESUMED REACTIVITY | | Based on 100% sequence identity, this antibody is predicted to react with Orangutan | | | |
| 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 MVP/Major Vault Protein immobilized on solid support. | | | |
| | | The epitope recognized by A305–213A maps to a region between residue 1 to 50 of human Major vault protein using the numbering given in entry Q14764.4 (GeneID 9961). | | | |
| | | 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 | 1:1, | ,000 – 1:5,000 | |
| | | Immunoprecipita | ation 2 – | 10 µg/mg lysate | |
| | | Immunohistoche | , - | 00 – 1:2,000. Epitope retrieval with citra ommended for FFPE tissue sections. | te buffer pH 6.0 is |
| 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). | | | |
| IHC HUMAN CONTROLS | | Western blot of lysates performed using standard western blot reagents and 4–8% SDS-PAGE. Colon Carcinoma | | | |
| ADDITIONAL INFO | | https://www.bethyl.com/product/A305-213A 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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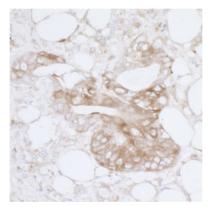


Detection of human MVP by western blot. *Samples:* Whole cell lysate (50 µg) from HeLa, HEK293T, and Jurkat cells prepared using NETN lysis buffer. *Antibody:* Affinity purified rabbit anti-MVP antibody A305-213A (lot A305-213A-1) used for WB at 0.4 µg/ml. *Detection:* Chemiluminescence with an exposure time of 3 minutes.



Detection of human MVP by western blot of

immunoprecipitates. *Samples:* Whole cell lysate (0.5 or 1.0 mg per IP reaction; 20% of IP loaded) from HeLa cells prepared using NETN lysis buffer. *Antibodies:* Affinity purified rabbit anti-MVP antibody A305-213A (lot A305-213A-1) used for IP at 6 µg per reaction. MVP was also immunoprecipitated by rabbit anti-MVP antibody A305-172A. For blotting immunoprecipitated MVP, A305-213A was used at 1 µg/ml. *Detection:* Chemiluminescence with an exposure time of 30 seconds.



Detection of human MVP by immunohistochemistry. *Sample:* FFPE section of human colon carcinoma. *Antibody:* Affinity purified rabbit anti-MVP (Cat. No. A305-213A Lot1) used at a dilution of 1:1,000 (1µg/ml). *Detection:* DAB

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