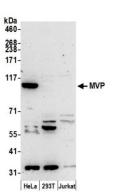
## MVP/Major Vault Protein Antibody

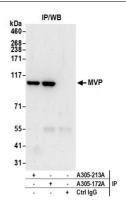
Rabbit Polyclo			, Ductoin ID	014764.4	
Antigen Affinity Purified Catalog No. A305–213A			Protein ID	Q14764.4	
Catalog No. Lot No.			GenelD	9961	BETHYL
Lot No. A305–213A–1					LABORATORIES, INC
APPLICATIONS		WB, IP, IHC			
SPECIES REACTIVITY		Human			
PRESUMED REACTIVITY		Based on 100% sequence identity, 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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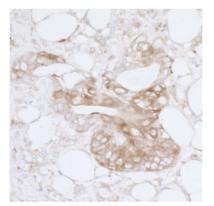


**Detection of human MVP by western blot.** *Samples:* Whole cell lysate (50 µg) from HeLa, HEK293T, and Jurkat cells prepared using NETN lysis buffer. *Antibody:* Affinity purified rabbit anti-MVP antibody A305-213A (lot A305-213A-1) used for WB at 0.4 µg/ml. *Detection:* Chemiluminescence with an exposure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