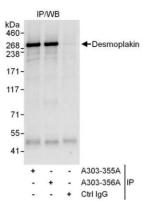
Desmoplakin Antibody

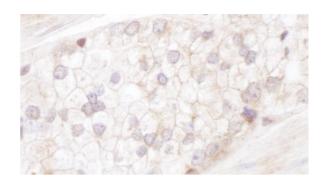
Desinopia		labouy				
Rabbit Polyclo						
Antigen Affinity Purified		ed	Protein ID	NP_004406.2		
Catalog No.	A303-3	356A	GenelD	1832	RETHVI	
Lot No.	A303-3	356A-1			LABORATORIES, INC	
APPLICATIONS		IP, IHC				
SPECIES REACTIVITY		Human				
AMOUNT		100 µl				
CONCENTRATION		1000 μg/ml				
STORAGE/SHELF 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 Desmoplakin immobilized on solid support.				
			The epitope recognized by A303-356A maps to a region between residue 1900 and 1950 of human Desmoplakin using the numbering given in entry NP_004406.2 (GeneID 1832).			
		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	No	ot recommended		
		Immunoprecipita	ation 2	– 10 µg/mg lysate		
		Immunohistoche	,	500 – 1:2,000. Epitope retr commended for FFPE tissue	ieval with citrate buffer pH 6.0 is sections.	
		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 3–8% SDS-PAGE (link to IP-western blot protocol in Additional Info section below).				
IHC HUMAN CONTROLS		Prostate Carcinoma				
ADDITIONAL INFO		https://www.bethyl.com/product/A303-356A 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 Desmoplakin 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-Desmoplakin antibody A303-356A used for IP at 6 μ g/mg lysate. Desmoplakin was also immunoprecipitated by rabbit anti-Desmoplakin antibody A303-355A, which recognizes an upstream epitope. For blotting immunoprecipitated Desmoplakin, A303-355A was used at 1 μ g/ml. *Detection:* Chemiluminescence with an exposure time of 10 seconds.



Detection of human Desmoplakin by

immunohistochemistry. *Sample:* FFPE section of human prostate carcinoma. *Antibody:* Affinity purified rabbit anti-Desmoplakin (Cat. No. A303-356A Lot1) used at a dilution of 1:1,000 (1µg/ml). *Detection:* DAB