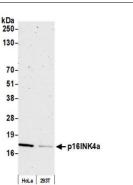
p16INK4a Antibody

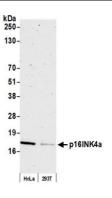
Rabbit Polyclonal Antigen Affinity Purified Catalog No. A301–267A Lot No. A301–267A–4		Protein ID GenelD	AAA92554.1 1029		BETHYL LABORATORIES, INC		
APPLICATIONS		WB, IP, IHC					
SPECIES REACTIVITY		Human					
AMOUNT		100 µl					
CONCENTRATION		200 µg/ml					
STORAGE/SHELF LIFE		2 - 8° C / 1 year from date of receipt					
PHYSICAL STATE		Liquid					
BUFFER		Tris-buffered Saline containing 0.1% BSA and 0.09% Sodium Azide					
ISOTYPE		IgG					
ORIGIN		USA					
PRODUCTION PROCEDURES		Antibody was affinity purified using an epitope specific to p16INK4a immobilized on solid support.					
		The epitope recognized by A301–267A maps to a region between residue 106 and 156 of human CDK4 inhibitor p16-INK4a using the numbering given in entry AAA92554.1 (GeneID 1029).					
		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	1:2	2,000 - 1:10,000			
		Immunoprecipi	tation 2 -	- 10 µg/mg lysate			
		Immunohistoch		00 to 1:500. Epitope retri		uffer pH6.0 is	
APPLICATION N	IOTES	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 4–12% SDS-PAGE (link to IP-western blot protocol in Additional Info section below).					
Western blo IHC HUMAN CONTROLS Ovarian Car			of lysates performed using standard western blot reagents and 4–12% SDS-PAGE. inoma				
ADDITIONAL IN	IFO	Use the link abo	https://www.bethyl.com/product/A301-267A Jse the link above to view SDS, a current list of citations, and other product specific information. P-western blot protocol https://www.bethyl.com/content/protocol_IP_WB				
This document cortifies that this product has met all of the quality control standards defined by Pathyl Laboratories. Ins							

This document certifies that this product has met all of the quality control standards defined by Bethyl Laboratories, Inc.Eric McIntush, PhD | Chief Scientific OfficerDate: September 27, 2019

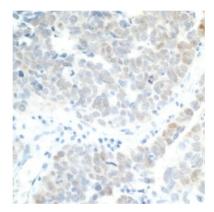
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Detection of human p16INK4a by western blot. *Samples:* Whole cell lysate (50 μ g) from HeLa and HEK293T cells prepared using NETN lysis buffer. *Antibody:* Affinity purified rabbit anti-p16INK4a antibody A301-267A (lot A301-267A-4) used for WB at 0.1 μ g/ml. *Detection:* Chemiluminescence with an exposure time of 3 minutes.



Detection of human p16INK4a by western blot of immunoprecipitates. *Samples:* Whole cell lysate (1.0 mg per IP reaction; 20% of IP loaded) from HeLa cells prepared using NETN lysis buffer. *Antibodies:* Affinity purified rabbit anti-p16INK4a antibody A301-267A (lot A301-267A-4) used for IP at 6 µg per reaction. p16INK4a was also immunoprecipitated by a previous lot of this antibody (lot A301-267A-3). For blotting immunoprecipitated p16INK4a, A301-267A was used at 0.1 µg/ml. *Detection:* Chemiluminescence with an exposure time of 75 seconds.



Detection of human p16INK4a by immunohistochemistry. *Sample:* FFPE section of human ovarian carcinoma. *Antibody:* Affinity purified rabbit anti-p16INK4a (Cat. No. A301-267A lot 4) used at a dilution of 1:200 (1µg/ml). *Detection:* DAB

Bethyl Laboratories, Inc. • 25043 West FM 1097 • Montgomery, TX 77356 • 800.338.9579 • 936.597.6111 • 866.597.6105 (FAX) • www.bethyl.com • technical@bethyl.com

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