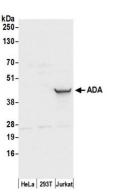
## ADA/Adenosine Deaminase Antibody

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Rabbit Polyclo						
Antigen Affinity Purified		d	Protein ID	P00813.3		
Catalog No.	Catalog No. A305-183A		GenelD	100	RETHVI	
Lot No.	A305-	183A-1	LABORATORIES, INC			
APPLICATIONS		WB, IP				
SPECIES REACTIVITY		Human				
PRESUMED REACTIVITY		Based on 100% sequence identity, this antibody is predicted to react with Bovine				
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		lgG				
ORIGIN		USA				
PRODUCTION PROCEDURES		Antibody was affinity purified using an epitope specific to ADA/Adenosine Deaminase immobilized on solid support.				
The epitope recognized by A305–183A maps to a region between re Adenosine deaminase using the numbering given in entry P00813.3						
		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	1:2	,000 - 1:10,000		
		Immunoprecipit	ation 2 –	10 µg/mg lysate		
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 4–20% SDS–PAGE (link to IP–western blot protocol in Additional Info section below).				
Western blot of lysates performed using standard western blot reagen				ern blot reagents and 4-20% SDS-PAGE.		
ADDITIONAL INFO		https://www.bethyl.com/product/A305–183A				
		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				
		iP-western blot j	protocol: http	s://www.betnyl.com/cont	ent/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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 IP/WB

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**Detection of human ADA 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-ADA antibody A305-183A (lot A305-183A-1) used for WB at 0.1 µg/ml. *Detection:* Chemiluminescence with an exposure time of 3 seconds.

## Detection of human ADA by western blot of

**immunoprecipitates.** *Samples:* Whole cell lysate (0.5 or 1.0 mg per IP reaction; 20% of IP loaded) from Jurkat cells prepared using NETN lysis buffer. *Antibodies:* Affinity purified rabbit anti-ADA antibody A305-183A (lot A305-183A-1) used for IP at 6  $\mu$ g per reaction. ADA was also immunoprecipitated by a rabbit anti-ADA antibodies A305-182A and BL20481. For blotting immunoprecipitated ADA, A305-183A was used at 0.4  $\mu$ g/ml. *Detection:* Chemiluminescence with an exposure time of 3 seconds.