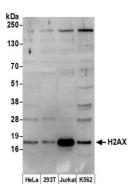
H2AX Antibody

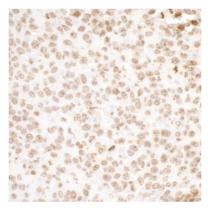
Goat Polyclonal					
Antigen Affinity Purified			Protein ID	P16104	
Catalog No. A303-837A		337A (GenelD	3014	DETLIVI
Lot No.	A303-8	337A-2			LABORATORIES, INC
APPLICATIONS		WB, IHC			
SPECIES REACTIVITY		Human, Mouse			
AMOUNT		100 µl			
CONCENTRATION		1000 μg/ml			
STORAGE/SHELF LIFE		2 - 8° C / 1 year 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		Antibody was affinity purified using an epitope specific to H2AX immobilized on solid support.			
PROCEDURES		The epitope recognized by A303-837A maps to the C-terminus of human Histone H2AX using the numbering given in entry P16104 (GeneID 3014).			
		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	2,000 – 1:1,0000	
		Immunoprecipita	ation No	t recommended	
		Immunohistoche	,	,000 – 1:5,000. Epitope retrieval with citra commended for FFPE tissue sections.	ate buffer pH 6.0 is
APPLICATION NOTES		Western blot of lysates performed using standard western blot reagents and 4-12% SDS-PAGE.			
IHC HUMAN CONTROLS		Breast Carcinoma, Colon Carcinoma, Ovarian Carcinoma, Prostate Carcinoma, Stomach			
IHC MOUSE CONTROLS		Adenocarcinoma, Testicular Seminoma Colon Carcinoma CT26, Hybridoma Tumor, Renal Cell Carcinoma, Teratoma			
ADDITIONAL INFO		https://www.bethyl.com/product/A303-837A Use the link above to view SDS, a current list of citations, and other product specific information.			

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 H2AX by western blot. *Samples:* Whole cell lysate (50 μ g) from HeLa, HEK293T, Jurkat, and K-562cells prepared using RIPA lysis buffer. *Antibody:* Affinity purified goat anti-H2AX antibody A303-837A (lot A303-837A-2) used for WB at 0.1 μ g/ml. *Detection:* Chemiluminescence with an exposure time of 30 seconds. **Detection of human H2AX by immunohistochemistry.** *Sample:* FFPE section of human ovarian cancer. *Antibody:* Affinity purified goat anti-H2AX (Cat. No. A303-837A lot 2) used at a dilution of 1:5,000 (0.2µg/ml). *Detection:* DAB



Detection of mouse H2AX by immunohistochemistry. *Sample:* FFPE section of mouse CT26 colon carcinoma. *Antibody:* Affinity purified goat anti-H2AX (Cat. No. A303-837A lot 2) used at a dilution of 1:1,000 (1µg/ml). *Detection:* DAB

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