H2AX Antibody

Rabbit Polyclonal
Antigen Affinity Purified
Catalog No. A300-082A
Lot No. A300-082A-3

Protein ID P16104
GeneID 3014

APPLICATIONS	WB, IHC, ICC, ICC-IF
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 PROCEDURES	Antibody was affinity purified using an epitope specific to H2AX immobilized on solid support. The epitope recognized by A300-082A maps to the C-terminus of human histone H2AX using the numbering given for Swiss-Prot entry P16104 (GeneID 3014). 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	1:2,000 - 1:10,000
Immunohistochemistry	1:1,000 to 1:5,000. Epitope retrieval with citrate buffer pH6.0 is recommended for FFPE tissue sections.
Immunocytochemistry	1:1,000 to 1:5,000. Epitope retrieval with citrate buffer pH6.0 is recommended for FFPE cell sections.
Immunofluorescence (ICC)	1:400 - 1:800

APPLICATION NOTES	Western blot of lysates performed using standard western blot reagents and 4-12% SDS-PAGE.
IHC HUMAN CONTROLS	Breast Carcinoma, Ovarian Carcinoma, HCT 116 Cells
IHC MOUSE CONTROLS	Colon Carcinoma CT26, RenCa Cells
ADDITIONAL INFO	Please visit our website for additional product 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: December 19, 2019

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