gamma-H2AX Antibody

Rabbit Polyclonal
Antigen Affinity Purified

RefSeq ID	NP_002096.1		
Catalog No.	A300-081A	Uniprot ID	P16104
Lot No.	26	GeneID	3014

APPLICATIONS	WB, IHC, ICC
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 gamma-H2AX immobilized on solid support. Immunoglobulin concentration was determined using Beer's Law where 1mg/mL IgG has an A280 of 1.4. The epitope recognized by A300-081A maps to a region surrounding phosphorylated serine 140 of human histone H2AX using the numbering given in entry NP_002096.1 (GeneID 3014).
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	1:10,000 - 1:25,000
Immunohistochemistry	1:2,000 to 1:10,000. Epitope retrieval with citrate buffer pH6.0 is recommended for FFPE tissue sections.
Immunocytochemistry	1:2,000 to 1:10,000. Epitope retrieval with citrate buffer pH6.0 is recommended for FFPE cell sections.

IHC HUMAN CONTROLS	Colon Carcinoma, Ovarian Carcinoma, Prostate Carcinoma, Testicular Seminoma
IHC MOUSE CONTROLS	Renal Cell Carcinoma
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.
Date: September 14, 2026

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