gamma-H2AX IHC Antibody

Rabbit Polyclonal

Antigen Affinity Purified		RefSeq ID	NP_002096.1
Catalog No.	IHC-00059-T	Uniprot ID	P16104
Lot No.	10	GeneID	3014

APPLICATIONS	IHC, ICC
SPECIES REACTIVITY	Human, Mouse
PRESUMED REACTIVITY	Based on 100% sequence identity, this antibody is predicted to react with Bovine, Dog, Rabbit, Pig, Monkey, Gorilla, Crab-eating macaque, Chinese hamster and Thirteen-lined ground squirrel
AMOUNT	10 µl
CONCENTRATION	100 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 gamma-H2AX immobilized on solid support. The epitope recongized by IHC-00059 maps to a region surrounding phosphorylated serine 139 of human histone H2AX using the numbering given for Swiss-Prot entry P16104 (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.

Immunohistochemistry	1:100 to 1:500. Epitope retrieval with citrate buffer pH 6.0 is recommended for FFPE tissue sections.
Immunocytochemistry	1:100 to 1:500. Epitope retrieval with citrate buffer pH 6.0 is recommended for FFPE tissue sections.

APPLICATION NOTES	Formalin-Fixed Paraffin-Embedded Tissue 1:100 - 1:500: Epitope exposure is recommended. Epitope exposure with citrate buffer will enhance staining. Formaldehyde-Fixed Cells 1:100 - 1:500: Permeabilization with Triton-X 100 is recommended. Likely to work with frozen sections.
IHC HUMAN CONTROLS	Breast Carcinoma, Colon Carcinoma, Ovarian Carcinoma, Testicular Seminoma
IHC MOUSE CONTROLS	Renal Cell Carcinoma, Squamous 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.
Michael Spencer, PhD Date: December 1, 2025

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