

# H2AX Recombinant Monoclonal Antibody [BLR059F]

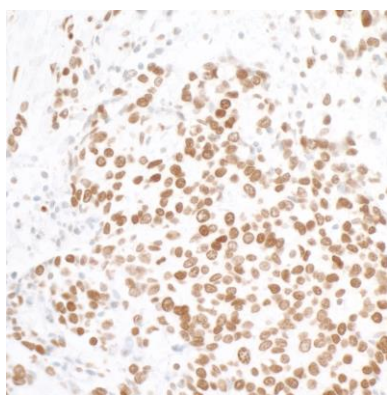
Rabbit Recombinant Monoclonal

Purified Protein ID NP\_002096.1  
Catalog No. A700-059-T GeneID 3014  
Lot No. A700-059-T-1

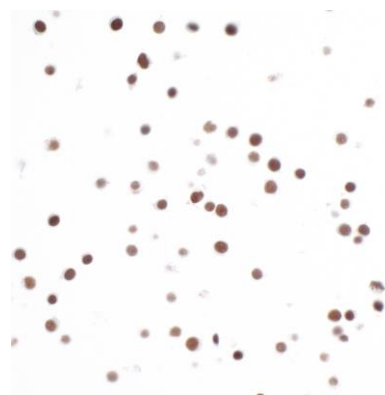


<b>APPLICATIONS</b>	WB, IHC, ICC
<b>SPECIES REACTIVITY</b>	Human
<b>AMOUNT</b>	10 µl (5+ tests)
<b>CONCENTRATION</b>	100 µg/ml
<b>STORAGE/SHELF LIFE</b>	2 – 8° C / 1 year from date of receipt
<b>PHYSICAL STATE</b>	Liquid
<b>BUFFER</b>	Borate Buffered Saline (BBS) pH 8.2 with 0.1% BSA and 0.09% Sodium Azide
<b>ISOTYPE</b>	IgG
<b>CLONE #</b>	BLR059F
<b>ORIGIN</b>	USA
<b>PRODUCTION PROCEDURES</b>	Recombinant antibody was purified from cell culture supernatant.  Immunogen was a peptide representing the C-terminus of human Histone H2AX using the numbering given in entry NP_002096.1 (Gene ID 3014).
<b>APPLICATIONS</b>	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 1:1000  Immunohistochemistry 1:100 to 1:500. Epitope retrieval with citrate buffer pH6.0 is recommended for FFPE tissue sections.  Immunocytochemistry 1:100 to 1:500. Epitope retrieval with citrate buffer pH6.0 is recommended for FFPE cell sections.
<b>IHC HUMAN CONTROLS</b>	Bladder Cell Carcinoma, Breast Carcinoma, Lung Carcinoma, Ovarian Carcinoma, HeLa Cells, Jurkat Cells
<b>ADDITIONAL INFO</b>	<a href="https://www.bethyl.com/product/A700-059-T">https://www.bethyl.com/product/A700-059-T</a> Use the link above to view SDS, a current list of citations, and other product specific information.

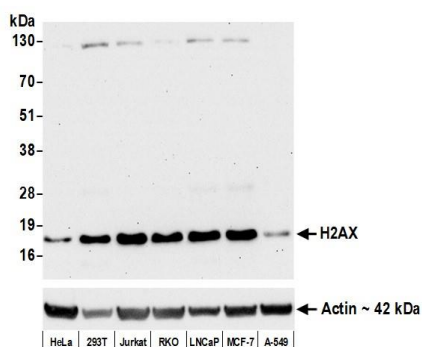
This document certifies that this product has met all of the quality control standards defined by Bethyl Laboratories, Inc.  
Eric McIntush, PhD | Chief Scientific Officer Date: June 21, 2019

**Detection of human H2AX by immunohistochemistry.**

*Sample:* FFPE section of human lung carcinoma. *Antibody:* Rabbit anti-H2AX recombinant monoclonal antibody [BLR059F] (A700-059-T lot 1) used at 1:500. *Secondary:* HRP-conjugated goat anti-rabbit IgG (A120-501P). *Substrate:* DAB.

**Detection of human H2AX by immunocytochemistry.**

*Sample:* FFPE section of Jurkat cells. *Antibody:* Rabbit anti-H2AX recombinant monoclonal antibody [BLR059F] (A700-059-T lot 1) used at 1:500. *Secondary:* HRP-conjugated goat anti-rabbit IgG (A120-501P). *Substrate:* DAB.

**Detection of human H2AX by western blot. Samples:**

Whole cell lysate (50  $\mu$ g) from HeLa, HEK293T, Jurkat, RKO, LNCaP, MCF-7, and A-549 cells prepared using NETN lysis buffer. *Antibody:* Rabbit anti-H2AX recombinant monoclonal antibody [BLR059F] (A700-059-T lot 1) used at 1:1000. *Secondary:* HRP-conjugated goat anti-rabbit IgG (A120-101P). Chemiluminescence with an exposure time of 30 seconds. Lower Panel: Rabbit anti-Actin (A700-057).