BOSTER BIOLOGICAL TECHNOLOGY
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# Anti-Histone H2A.X Rabbit Monoclonal Antibody

**Catalog Number:** M00241-3

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## Overview

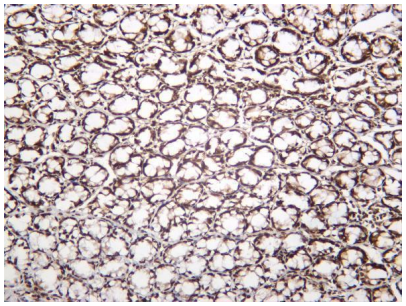
| | |
|---|---|
| Product Name | Anti-Histone H2A.X Rabbit Monoclonal Antibody |
| Reactive Species | Human, Mouse, Rat |
| Description | The antibody detects endogenous levels of Histone H2A. X protein only when phosphorylated at Ser139. The antibody does not cross-react with Histone H2A. X phosphorylated at other sites. Validated for research with WB,IHC,IF,IP,ELISA applications. Anti Histone H2A. X is reactive for Human, Mouse, Rat samples |
| Application | ELISA, IP, IF, IHC, WB |
| Clonality | Monoclonal |
| Formulation | PBS, 50% glycerol, 0.05% Proclin 300, 0.05% stabilizing protein<br>This antibody is supplied in a stabilized formulation.<br>Compatibility with conjugation reactions depends on the chemistry of the conjugation method used. For conjugation methods that are not compatible with the stabilizing components present in this formulation, a carrier-free antibody format is required. |
| Storage Instructions | Store at -20°C/1 year |
| Host | Rabbit |
| Uniprot ID | P16104 |

## Technical Details

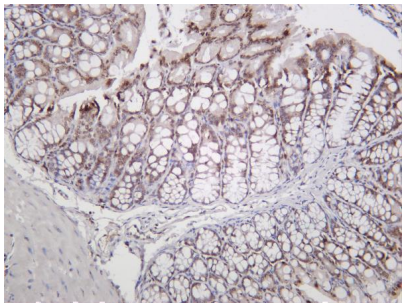
| | |
|---|---|
| Isotype | IgG, Kappa |
| Purification | Protein A |
| Suggested Dilutions | IHC 1:2000-1:8000<br>WB 1:1000-1:5000<br>IF 1:200-1:1000<br>ELISA 1:5000-1:20000<br>IP 1:50-1:200 |

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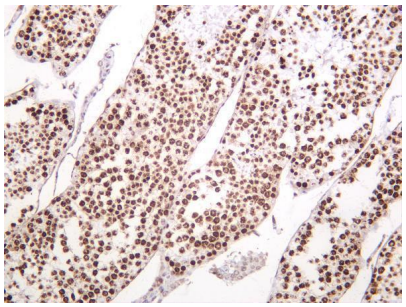
# Anti-Histone H2A.X Rabbit Monoclonal Antibody (M00241-3) Images



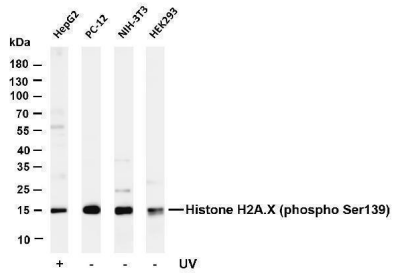
Rat colon was stained with anti-Histone H2A.X (phospho Ser139) rabbit antibody



Mouse colon was stained with anti-Histone H2A.X (phospho Ser139) rabbit antibody



Mouse testis was stained with anti-Histone H2A.X (phospho Ser139) rabbit antibody




Various whole cell lysates were separated by 4-20% SDS-PAGE, and the membrane was blotted with anti-Histone H2A.X (phospho Ser139) antibody. The HRP-conjugated Goat anti-Rabbit IgG(H + L) antibody was used to detect the antibody. Lane 1: HepG2 treated with UV for 30 minutes Lane 2: PC-12 Lane 3: NIH-3T3 Lane 4: HEK293 Predicted band size: 15kDa Observed band size: 15kDa



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