

Anti-Phospho-Histone H2A.X (S139) Mouse Monoclonal Antibody



Catalog #: U1064

Aliases

H2AX; Histone H2AX; H2a/x; Histone H2A.X

Background

Gene Name: H2AX

NCBI Gene Entry: [3014](#)

UniProt Entry: [P16104](#)

Application Information

Molecular Weight: Predicted, 15 kDa; observed, 15 kDa

Clonality: Mouse monoclonal antibody

Clone ID: 24GB7725

Species Reactivity: Human, mouse

Applications Tested: Western blotting (WB), immunocytochemistry (IC)

Immunogen

A synthesized peptide derived from human Phospho-Histone H2A.X (S139)

Isotype

Rabbit IgG

Storage Buffer

Supplied in PBS (pH 7.3) containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Storage

Store at -20 °C for one year.

Recommended Dilutions

Western Blotting (WB): 1:500-1:1,000

Immunocytochemistry (IC): 1:50-1:100

Note: This product is for research use only.

Validation Data

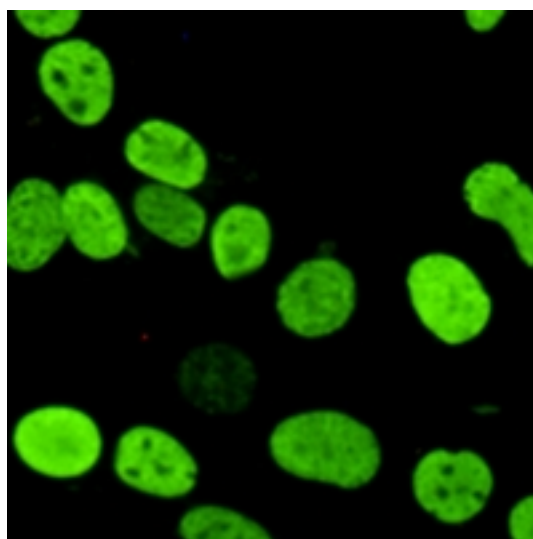
SUPPORT

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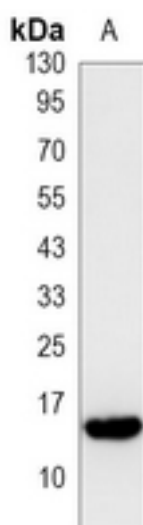
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Immunocytochemical analysis of Histone H2A.X (Phospho-S139) staining in A549 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a AF488-conjugated secondary antibody (green) in PBS at room temperature in the dark.



Western blotting analysis of Histone H2A.X (Phospho-S139) expression in NIH3T3 treated with Hydroxyurea (A) whole cell lysates.