

Product Datasheet

Histone H2A.X(Phospho-Ser139) Mouse mAb



Catalog No: AB3324

Reactivity: Human,Mouse

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Isotype: Mouse IgG1

Applications: WB ICC/IF

Information

UniProt ID: P16104

All Names: H2A histone family, member X;H2A.X;H2a/x;H2AFX;H2AX;H2AX histone;H2AX_HUMAN;Histone H2A.X;Histone H2AX

Form: Liquid

Storage instructions: Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

Storage buffer: pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Purity: Affinity-chromatography

Immunogen: Synthetic phosphopeptide corresponding to residues surrounding Ser139 of human H2A.X.

Molecular Wt.: 15 KDa

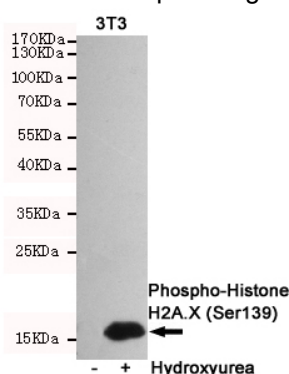
Application

WB 1:500-2000

ICC/IF 1:400

Background

Play a central role in transcription regulation, DNA repair, DNA replication and chromosomal stability.



Western blot detection of Phosphorylation of H2A.X at Serine 139 in 3T3 or Hydroxyurea-treated 3T3 cell lysates using Phospho-Histone H2A.X (Ser139) mouse mAb (1:2000 diluted). Predicted band size: 15KDa. Observed band size: 15KDa.

Immunofluorescent analysis of Phosphorylation of H2A.X at Serine 139 in 3T3 or Hydroxyurea-treated 3T3 cells using Phospho-Histone H2A.X (Ser139) mouse mAb (1:400).

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