

## PHOSPHO-HISTONE H2A.X (SER139) (2A9) MOUSE MAB

货号: N261450

产品全名: Phospho-Histone H2A.X (Ser139) (2A9) 小鼠单抗

基因符号 H2A.X; H2AFX; H2a/x; HIST5-2AX; Histone H2A.X; gamma H2A.X

**UNIPROT ID:** P16104

**背景:** Variant histone H2A which replaces conventional H2A in a subset of nucleosomes. Nucleosomes wrap and compact DNA into chromatin, limiting DNA accessibility to the cellular machineries which require DNA as a template. Histones thereby play a central role in transcription regulation, DNA repair, DNA replication and chromosomal stability.

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

**经过测试的应用:** WB, ICC/IF

**推荐稀释比:** WB: 1/500-1/1000 IF: 1/50-1/200

**种属反应性:** Mouse

**克隆性:** Mouse Monoclonal

**克隆编号:** 2A9-B5

**分子量:** Calculated MW: 15 kDa; Observed MW: 15 kDa

**亚型:** IgG2a

**纯化:** Affinity Purified

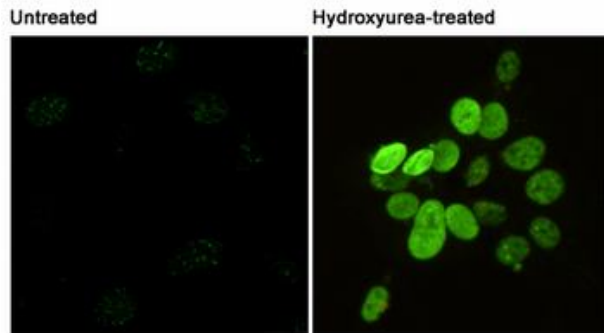
**种属反应性:** Human, Mouse

**Modification:** Phosphorylated

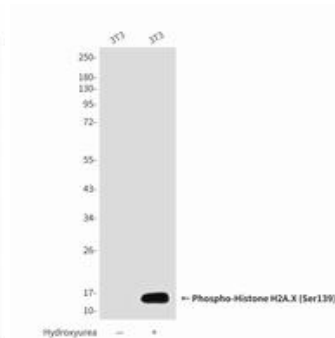
**成分:** PBS (without Mg<sup>2+</sup> and Ca<sup>2+</sup>), pH 7.3 containing 50% glycerol, 0.5% BSA and 0.02% sodium azide

**研究领域:** Epigenetics and Nuclear Signaling

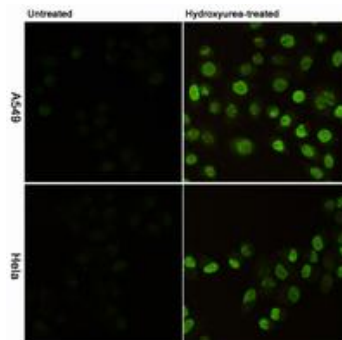
**储存和运输:** Store at -20°C. Avoid repeated freezing and thawing



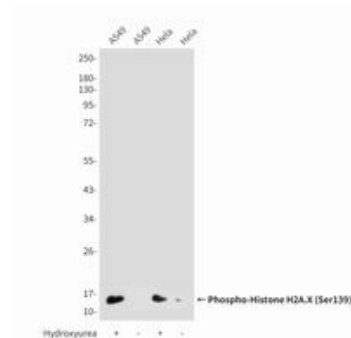
Immunofluorescence analysis of Phospho-Histone H2A.X (Ser139) (2A9) in 3T3 or Hydroxyureatreated 3T3 using Phospho-Histone H2A.X (Ser139) (2A9) antibody



Western blot analysis of Phosphorylation of H2A.X at Serine 139 in 3T3 or Hydroxyureatreated 3T3 lysates using Phospho-Histone H2A.X (Ser139) antibody.



Immunofluorescence analysis of Phospho-Histone H2A.X (Ser139) (2A9) in A549(upper, untreated or Hydroxyureatreated) and HeLa(lower, untreated or Hydroxyureatreated) using Phospho-Histone H2A.X (Ser139) antibody.



Western blot analysis of Phospho-Histone H2A.X (Ser139) (2A9) in untreated or Hydroxyureatreated HeLa and A549 lysates using Phospho-Histone H2A.X (Ser139) (2A9) antibody(upper) or betaActin antibody(2000688F10) (lower).