

**产品名称: Phospho-Histone H2A.X (Ser139) Mouse
Monoclonal Antibody**
产品货号: AMM84923



产品概述 (Summary)

产品名称 (Production Name)	Phospho-Histone H2A.X (Ser139) Mouse Monoclonal Antibody
描述 (Description)	Mouse monoclonal Antibody
宿主 (Host)	Mouse
应用 (Application)	WB, ICC
种属反应性 (Reactivity)	Human, Mouse

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Phosphorylated
同种型 (Isotype)	Mouse IgG1
克隆 (Clonality)	Monoclonal
形式 (Form)	Liquid
存放说明 (Storage)	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
储存溶液 (Buffer)	Purified antibody in PBS with 0.05% sodium azide, 0.5% protective protein and 50% glycerol.
纯化方式 (Purification)	Affinity Purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	Phospho-Histone H2A.X (Ser139)
别名 (Alternative Names)	H2A.X; H2AFX; H2a/x; HIST5-2AX; Histone H2A.X; gamma H2A.X
基因 ID (Gene ID)	3014.0
蛋白 ID (SwissProt ID)	P16104. Synthetic phosphopeptide corresponding to residues surrounding Ser139 of human H2A.X.

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:1000, ICC 1:50-1:200
蛋白分子量 (Molecular Weight)	Calculated MW: 15 kDa; Observed MW: 15 kDa

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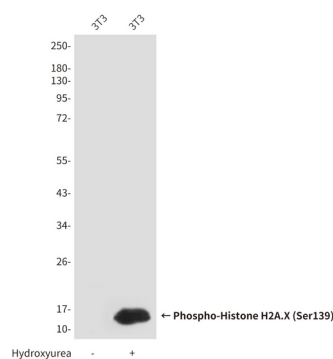


研究背景 (Background)

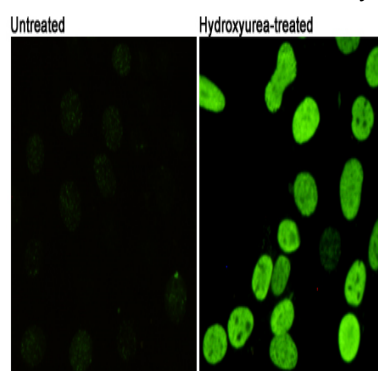
Variant histone H2A which replaces conventional H2A in a subset of nucleosomes. Nucleosomes wrap and compact DNA into chromatin, limiting DNA accessibility to the cellular machineries which require DNA as a template. Histones thereby play a central role in transcription regulation, DNA repair, DNA replication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

研究领域 (Research Area)

图片 (Image Data)

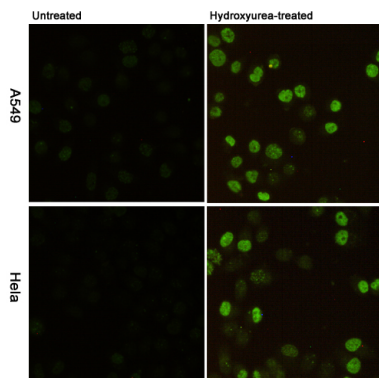


Western blot analysis of Phosphorylation of H2A.X at Serine 139 in 3T3 or Hydroxyurea-treated 3T3 lysates using Phospho-Histone H2A.X (Ser139) antibody.



Immunofluorescence analysis of Phospho-Histone H2A.X (Ser139) in 3T3 or Hydroxyurea-treated 3T3 using Phospho-Histone H2A.X (Ser139) antibody.

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

注意事项 (Note)

For research use only .