

产品名称: Phospho-Histone H2A.X (Ser139) (2A9) Mouse Monoclonal Antibody
产品货号: AMM03679



产品概述 (Summary)

产品名称 (Production Name)	Phospho-Histone H2A.X (Ser139) (2A9) Mouse Monoclonal Antibody
描述 (Description)	Mouse monoclonal Antibody
宿主 (Host)	Mouse
应用 (Application)	WB, ICC/IF
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)	IgG2a
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)	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% sodium azide, pH 7.3.
纯化方式 (Purification)	Affinity Purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	H2AX
别名 (Alternative Names)	H2A.X; H2AFX; H2a/x; HIST5-2AX; Histone H2A.X; gamma H2A.X
基因 ID (Gene ID)	3014
蛋白 ID (SwissProt ID)	P16104.

产品应用 (Application)

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

研究背景 (Background)

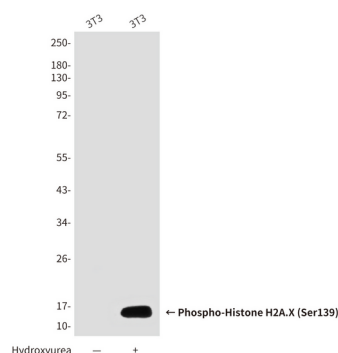
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Variant histone H2A which replaces conventional H2A in a subset of nucleosomes. Nucleosomes wrap and compact DNA into chromatin, limiting DNA accessibility to the cellular machineries which require DNA as a template. Histones thereby play a central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

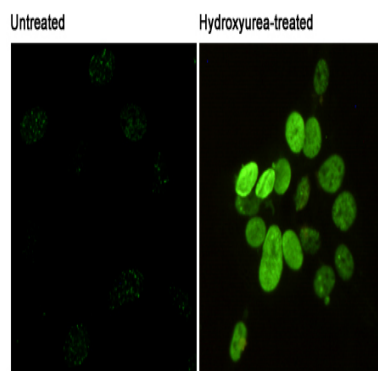
研究领域 (Research Area)

Epigenetics and Nuclear Signaling

图片 (Image Data)

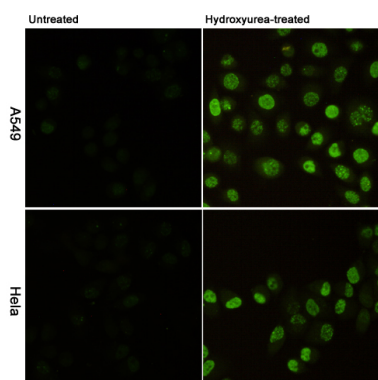


Western blot analysis of Phosphorylation of H2A.X at Serine 139 in 3T3 or Hydroxyurea-treated 3T3 lysates using Phospho-Histone H2A.X (Ser139) antibody.

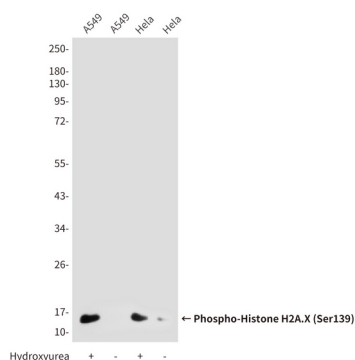


Immunofluorescence analysis of Phospho-Histone H2A.X (Ser139) (2A9) in 3T3 or Hydroxyurea-treated 3T3 using Phospho-Histone H2A.X (Ser139) (2A9) antibody

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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).

注意事项 (Note)

For research use only .