

## Phospho-Histone H2A.X(Ser139) Mouse mAb

### 产品信息

产品名称	产品编号	规格
Phospho-Histone H2A.X(Ser139) Mouse mAb	31259ES50	50 $\mu$ L
	31259ES60	100 $\mu$ L

### 产品简介

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.

### 产品性质

别名	H2A.X; H2AFX; H2a/x; HIST5-2AX; Histone H2A.X; gamma H2A.X
SwissProt ID	P16104
基因 ID	3014
免疫原	Synthetic phosphopeptide corresponding to residues surrounding Ser139 of human H2A.X.
缓冲液	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3.
分子量	Calculated MW: 15 kDa; Observed MW: 15 kDa
克隆类型	Monoclonal Antibody
克隆号	2A9
亚型	IgG2a
宿主	Mouse
物种反应	Human, Mouse
推荐应用	WB, ICC/IF
纯化方式	Affinity Purified

### 应用

稀释比 WB: 1/500-1/1000; IF: 1/50-1/200;

### 储存条件

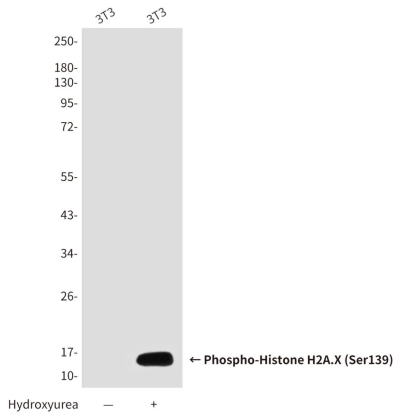
-25~-15°C保存

## 注意事项

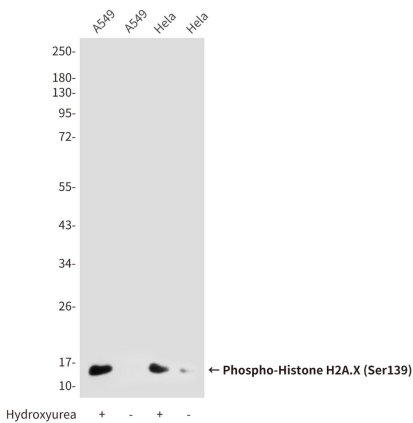
1. 避免反复冻融。
2. 本产品仅作科研用途。
2. 为了您的安全和健康，请穿实验服并佩戴一次性手套操作。

## 产品数据

### Western blot

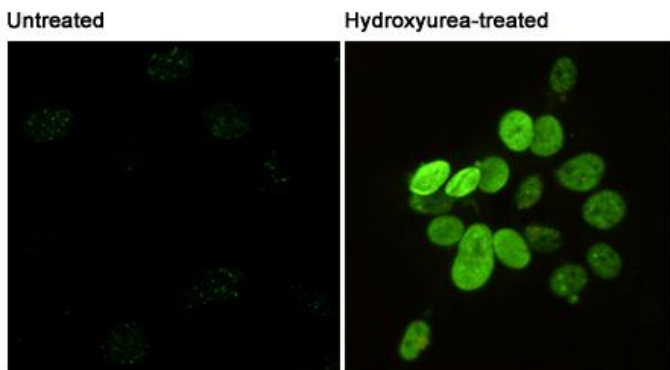


Western blot analysis of Phospho of H2A.X at Serine 139 in 3T3 or Hydroxyureatreated 3T3 lysates using Phospho-Histone H2A.X(Ser139) antibody.

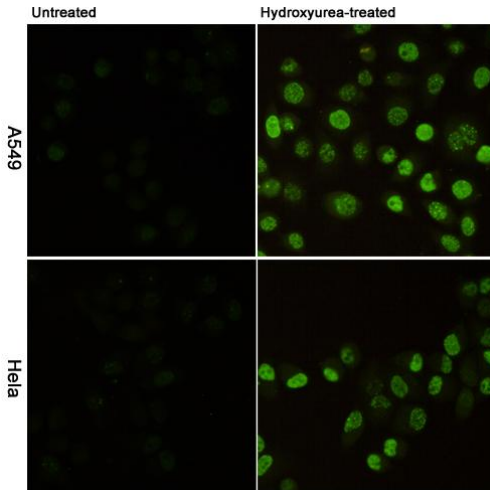


Western blot analysis of Phospho-Histone H2A.X(Ser139)(2A9) in untreated or Hydroxyureated HeLa and A549 lysates using Phospho-Histone H2A.X(Ser139)(2A9) antibody(upper) or beta-Actin antibody(30101ES)(lower).

### Immunofluorescence



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