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Phospho-gamma H2A.X (Ser139) (YD18728) Rabbit mAb

货号: AYD13191

产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Monoclonal
预测反应	
应用	WB IHC ICC/IF IP
推荐浓度	**WB: 1:1000-1:5000:** **IHC-P: 1:200-1:1000:** **ICC/IF: 1:100-1:300:** **ICC/IF: 1:100-1:200:**
理论分子量	15kDa
实测分子量	
形式	Liquid
保存条件	Store at -20℃. Avoid freeze / thaw cycles. Buffer: PBS with 0.75% BSA,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	293T,NIH/3T3,C2C12,Jurkat,Raji,Rat thymus
细胞定位	Nucleus, Chromosome
纯化	亲和纯化

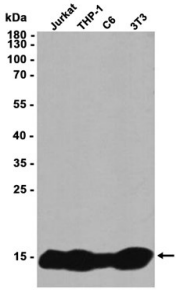
抗原信息

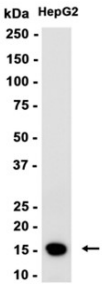
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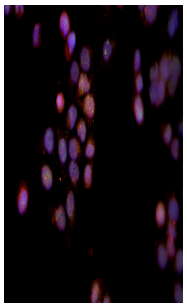
靶点信息

研究背景	Histones are basic nuclear proteins that are responsible for the nucleosome structure of the chromosomal fiber in eukaryotes. Two molecules of each of the four core histones (H2A, H2B, H3, and H4) form an octa mer, around which approximately 146 bp of DNA is wrapped in repeating units, called nucleosomes. The l inker histone, H1, interacts with linker DNA between nucleosomes and functions in the compaction of chr omatin into higher order structures. This gene encodes a replication-independent histone that is a memb er of the histone H2A family, and generates two transcripts through the use of the conserved stem-loop t ermination motif, and the polyA addition motif.
基因ID	3014
基因名	H2AX
Swiss	P16104 (https://www.uniprot.org/uniprotkb/P16104/entry)
别名	Phospho-gamma H2A.X (Ser139) (YD18728),Phospho-gamma H2A.X (Ser139) (YD18728) Rabbit mAb,H2A X,Histone H2A.X,H2AFX

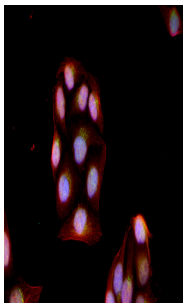
产品验证



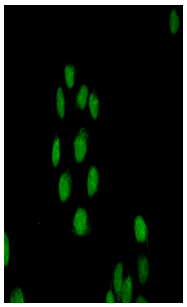




The samples were fixed with PFA and permeabilized in 0.1% Triton X-100,then blocked in 10% serum for 4 5 minutes at 25°C. Samples were then incubated with primary Ab Phospho-gamma H2A.X (Ser139) and R abbit actin for 1 hour at 37°C. An AlexaFluor594 conjugated goat anti-rabbit IgG(H+L) Ab(Red) and an Ale xaFluor488 conjugated goat.The nuclear counter stain is DAPI.



The samples were fixed with PFA and permeabilized in 0.1% Triton X-100,then blocked in 10% serum for 45 minutes at 25°C. Samples were then incubated with primary Ab Phospho-gamma H2A.X (Ser139) (YD18728) Rabbit mAb and Rabbit actin for 1 hour at 37°C. An AlexaFluor594 conjugated goat anti-rabbit IgG(H+L) Ab(Red) and an AlexaFluor488 conjugated goat.The nuclear counter stain is DAPI.



Immunofluorescence analysis of HeLa cells labelling Phospho-gamma H2A.X (Ser139) (YD18728) Rabbit mAb with . The cells were fixed with cold 100% methanol (10min, 4℃) and blocked in 1% BSA/10% normal goat serum/0.3M glycine in 0.1% PBS-Tween 20 for 1h. The cells were then incubate with Goat Anti-Rabbit IgG Fluor488 (1:200，shown in green) at room temprature for 1h.

实验步骤

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