

产品名称: H2AFX Mouse Monoclonal Antibody
产品货号: AMM82932



产品概述 (Summary)

产品名称 (Production Name)	H2AFX Mouse Monoclonal Antibody
描述 (Description)	Mouse monoclonal Antibody
宿主 (Host)	Mouse
应用 (Application)	WB,IHC,ICC,FC
种属反应性 (Reactivity)	Human

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
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
纯化方式 (Purification)	Affinity Purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	H2AFX
别名 (Alternative Names)	H2AX; H2A.X; H2A/X
基因 ID (Gene ID)	3014.0
蛋白 ID (SwissProt ID)	P16104.Purified recombinant fragment of human H2AFX expressed in E. Coli.

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,IHC 1:200-1:1000,ICC 1:50-1:200,FC 1:200-1:400
蛋白分子量 (Molecular Weight)	15.1kDa

研究背景 (Background)

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 octamer, around which

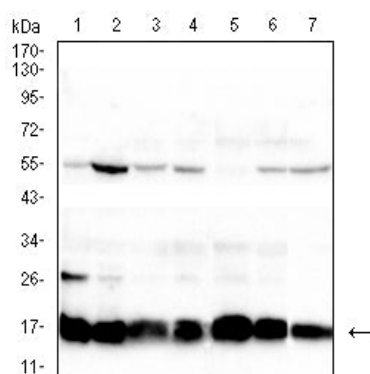
产品名称: H2AFX Mouse Monoclonal Antibody
产品货号: AMM82932



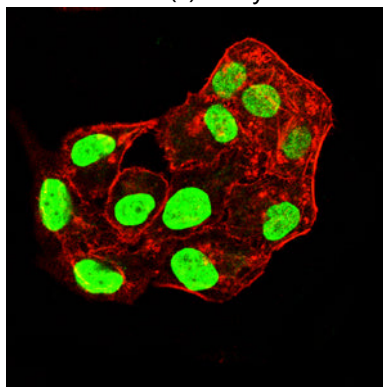
approximately 146 bp of DNA is wrapped in repeating units, called nucleosomes. The linker histone, H1, interacts with linker DNA between nucleosomes and functions in the compaction of chromatin into higher order structures. This gene encodes a replication-independent histone that is a member of the histone H2A family, and generates two transcripts through the use of the conserved stem-loop termination motif, and the polyA addition motif.

研究领域 (Research Area)

图片 (Image Data)

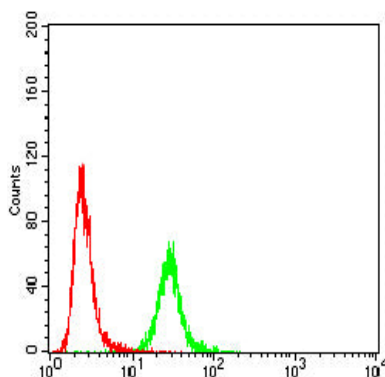


Western blot analysis using H2AFX mouse mAb against HEK293 (1), HepG2 (2), Jurkat (3), HeLa (4), Raji (5), K562 (6) and HCT116 (7) cell lysate.

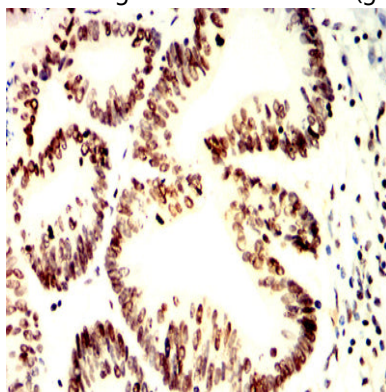


Immunofluorescence analysis of HeLa cells using H2AFX mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor-555 phalloidin. Secondary antibody from Fisher (Cat#: 35503)

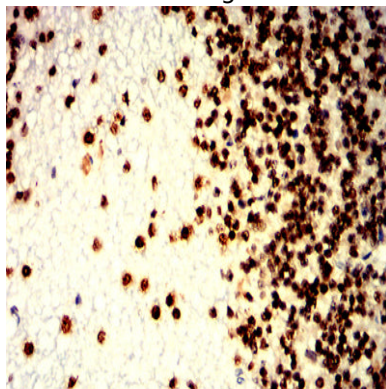
产品名称: H2AFX Mouse Monoclonal Antibody
产品货号: AMM82932



Flow cytometric analysis of Hela cells using H2AFX mouse mAb (green) and negative control (red).



Immunohistochemical analysis of paraffin-embedded human colon cancer tissues using H2AFX mouse mAb with DAB staining.



Immunohistochemical analysis of paraffin-embedded human cerebellum tissues using H2AFX mouse mAb with DAB staining.

注意事项 (Note)

For research use only .