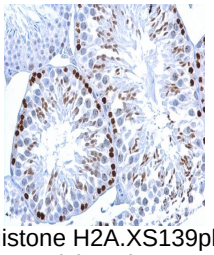
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Product Datasheet

Histone H2A.XS139ph (phospho Ser139) antibody [GT2311]

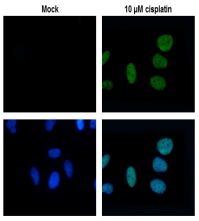
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Description	Histones are basic nuclear proteins that are responsible for the nucleosome structure of the chromosomal fiber in eukaryotes. Two molecules of each of the four core histones (H2A, H2B, H3, and H4) form an octamer, around which approximately 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 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. [provided by RefSeq]
Species/Host	Mouse
Reactivity	Human, Mouse, Rat
Conjugation	Unconjugated
Tested Applications	ICC, IF, IHC-P, IP, WB
Immunogen	Carrier-protein conjugated synthetic peptide corresponding to residues around human Histone H2A.XS139ph (phospho Ser139) The exact sequence is proprietary.
Form/Appearance	Liquid: PBS
Concentration	0.92 mg/ml
Storage	Store as concentrated solution. Centrifuge briefly prior to openin vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
Note	For research use only.
Isotype	IgG1
Clonality	Monoclonal
Purity	Affinity purified by Protein G.
Clone ID	GT2311
Uniprot ID	**P16104**
Entrez	**3014**
Dilution Range	WB: 1:500-1:3000,ICC: 1:100-1:1000,IHC-P: 1:100-1:1000,IP: 1:100-1:500



Histone H2A.XS139ph (phospho Ser139) antibody [GT2311] detects Histone H2A.XS139ph (phospho Ser139) protein at nucleus on mouse testis by immunohistochemical analysis. Sample: Paraffin-embedded mouse testis. Histone H2A.XS139ph (phospho Ser139) antibody [

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Histone H2A.X antibody detects H2AFX protein at nuclear by immunofluorescent analysis. Sample: 10?M Cisplatin treated (right) or untreated (left) HeLa cells were fixed in 4% paraformaldehyde for 15 min. Green: H2AFX protein stained by Histone H2A.Xantibod