

## Product Datasheet

### Histone H2A.XS139ph (phospho Ser139) antibody [GT2311] GRP79

#### 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 opening 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

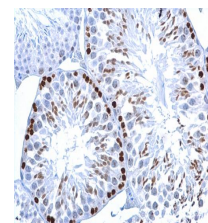
**P16104**

#### Entrez

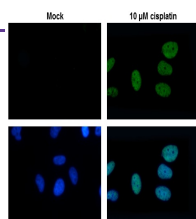
**3014**

#### 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 [



Histone H2A.X antibody  
detects  
H2AFX protein at nuclear  
by  
immunofluorescent  
analysis.  
Sample: 10<sup>-7</sup>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