

Histone H2A.XS139ph (phospho Ser139) antibody [HL1299]

Cat. No. GTX636713

Host	Rabbit
Clonality	Monoclonal
Isotype	IgG
Applications	WB, ICC/IF, IHC-P
Reactivity	Human, Mouse

References (2)

Package

100 µl, 25 µl

Applications

Application Note

*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
WB	1:500-1:3000
ICC/IF	Assay dependent
IHC-P	Assay dependent

Not tested in other applications.

Observed MW (kDa) 15 kDa.

Properties

Form	Liquid
Buffer	PBS
Preservative	No preservatives
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.
Concentration	1 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Carrier-protein conjugated synthetic peptide surrounding phospho Ser139 of human Histone H2A.X. The exact sequence is proprietary.
Purification	Affinity purified by Protein A.
Conjugation	Unconjugated

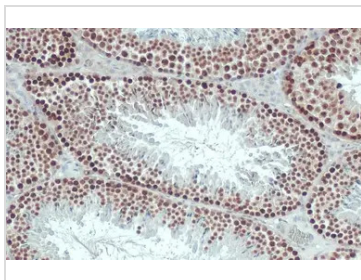
Note

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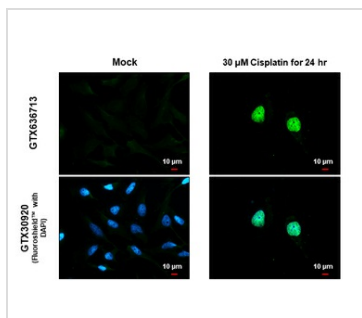
DATA IMAGES

GTx636713 IHC-P Image

Histone H2A.XS139ph (phospho Ser139) antibody [HL1299] detects Histone H2A.XS139ph (phospho Ser139) protein at nucleus by immunohistochemical analysis.

Sample: Paraffin-embedded mouse testis.

Histone H2A.XS139ph (phospho Ser139) stained by Histone H2A.XS139ph (phospho Ser139) antibody [HL1299] (GTx636713) diluted at 1:100.

Antigen Retrieval: Citrate buffer, pH 6.0, 15 min


GTx636713 ICC/IF Image

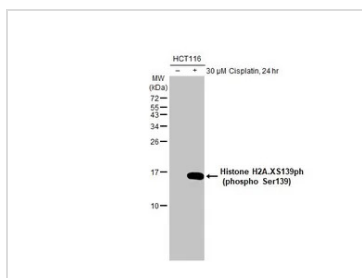
Histone H2A.XS139ph (phospho Ser139) antibody [HL1299] detects Histone H2A.XS139ph (phospho Ser139) protein at nucleus by immunofluorescent analysis.

Sample: Mock and treated HeLa cells were fixed in 4% paraformaldehyde at RT for 15 min.

Green: Histone H2A.XS139ph (phospho Ser139) stained by Histone H2A.XS139ph (phospho Ser139) antibody [HL1299] (GTx636713) diluted at 1:500.

Blue: Fluoroshield with DAPI (GTx30920).

Scale bar= 10μm.


GTx636713 WB Image

Untreated (-) and treated (+) HCT116 whole cell extracts (30 μg) were separated by 15% SDS-PAGE, and the membrane was blotted with Histone H2A.XS139ph (phospho Ser139) antibody [HL1299] (GTx636713) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (GTx213110-01) was used to detect the primary antibody.



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