

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

Cat. No. GTX628789

Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Application	WB, ICC/IF, IHC-P, IP
Reactivity	Human, Mouse, Rat

Reference (18)

Package

100 µl, 25 µl

APPLICATION

Application Note

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

Suggested dilution	Recommended dilution
WB	1:500-1:3000
ICC/IF	1:100-1:1000
IHC-P	1:100-1:1000
IP	1:100-1:500

Not tested in other applications.

Calculated MW 15 kDa. ([Note](#))

PROPERTIES

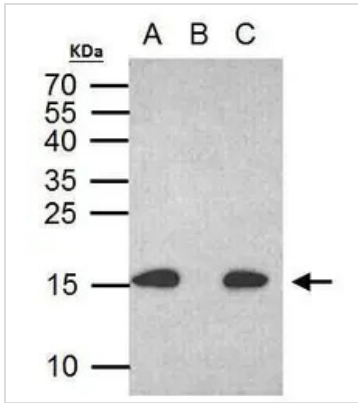
Form	Liquid
Buffer	PBS
Preservative	No preservative
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
Concentration	0.92 mg/ml (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 G.
Conjugation	Unconjugated

For full product information, images and publications, please visit our [website](#).

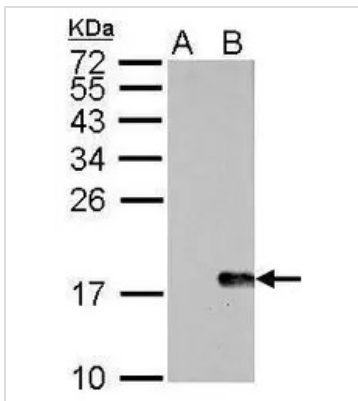
For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.

Note

Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.

DATA IMAGES

GTX628789 IP Image

Histone H2A.X (phospho S139) antibody immunoprecipitates histone H2A.X (phospho S139) protein in IP experiments. IP Sample: 500 µg HCT116 with CPT 30 µM treatment 24 hr whole cell lysate/extract A. 30 µg HCT116 whole with CPT 30 uM treatment cell lysate/extract B. Control with 2 µg of preimmune mouse IgG C. Immunoprecipitation of histone H2A.X (phospho S139) protein by 2 µg histone H2A.X (phospho S139) antibody (GTX628789) 15% SDS-PAGE The immunoprecipitated histone H2A.X (phospho S139) protein was detected by Human histone H2A.X (phospho S139) antibody (GTX628789) diluted at 1:1000. EasyBlot anti-mouse IgG (GTX221667-01) was used as a secondary reagent.


GTX628789 WB Image

Histone H2A.X (phospho S139) antibody [GT2311] detects H2AFX protein by western blot analysis.

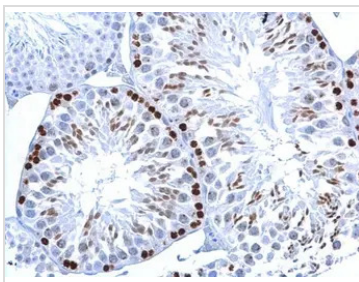
A. 30 µg NIH-3T3 whole cell lysate/extract (untreated)

B. 30 µg NIH-3T3 whole cell lysate/extract (30µM cisplatin treatment for 24hr)

15% SDS-PAGE

Histone H2A.X (phospho S139) antibody [GT2311] (GTX628789) dilution: 1:1000

The HRP-conjugated anti-mouse IgG antibody (GTX213111-01) was used to detect the primary antibody.


GTX628789 IHC-P Image

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 [GT2311] (GTX628789) dilution: 1:500.

Antigen Retrieval: Trilogy™ (EDTA based, pH 8.0) buffer, 15min



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