Histone H2A.XS139ph (phospho Ser139) antibody [3F2]

Cat. No. GTX80694

Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Application	WB, ICC/IF, IHC-P, FACS, ELISA
Reactivity	Human, Mouse, Bovine

Reference (7)
Package
100 µg

APPLICATION

Application Note

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

Suggested dilution	Recommended dilution
WB	1 µg/ml
ICC/IF	2-4 µg/ml
IHC-P	1:400
FACS	1µg per 10^6 cells
ELISA	Assay dependent

Not tested in other applications.

Calculated MW	15 kDa. (Note)
Product Note	The immunogen of this antibody is a synthetic peptide sequence surrounding phosphorylated Ser140. Some references call Ser140, by the name Ser139.

PROPERTIES

Form	Liquid
Buffer	PBS, 0.1% BSA
Preservative	0.05% Sodium azide
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4ºC. For long-term storage, aliquot and store at -20ºC or below. Avoid multiple freeze-thaw cycles.
Concentration	1 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Synthetic peptide sequence surrounding phosphorylated Ser140
Purification	Protein G purified
Conjugation	Unconjugated

For full product information, images and publications, please visit our website.

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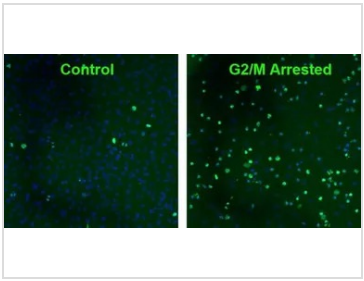
Note

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

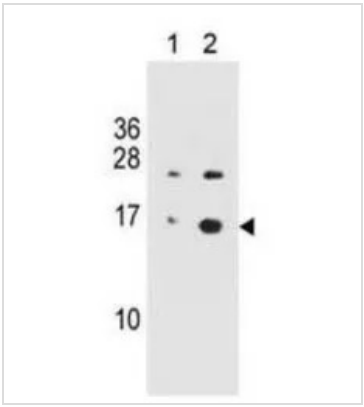
Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.

DATA IMAGES



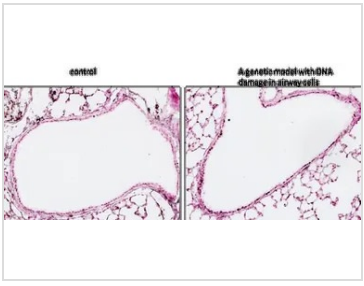
GTX80694 ICC/IF Image

ICC/IF analysis of cells using GTX80694 Histone H2A.XS139ph (phospho Ser139) antibody [3F2].



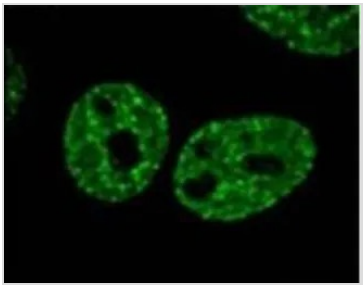
GTX80694 WB Image

WB analysis of Jurkat cell untreated (Lane 1) and Jurkat cell stimulated with staurosporine (Lane 2) using GTX80694 Histone H2A.XS139ph (phospho Ser139) antibody [3F2].
Dilution : 1 µg/ml



GTX80694 IHC-P Image

IHC-P analysis of postnatal mouse (PN19) lung sections using GTX80694 Histone H2A.XS139ph (phospho Ser139) antibody [3F2]. Increased staining intensity was observed in a genetic mouse model with DNA damage in airway cells.
Antigen retrieval : heat induced epitope retrieval (HIER) method with sodium citrate buffer (pH 6.0)
Fixation : 4% Paraformaldehyde
Dilution : 1:400



GTX80694 ICC/IF Image

ICC/IF analysis of gamma irradiated HeLa cells using GTX80694 Histone H2A.XS139ph (phospho Ser139) antibody [3F2].

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