

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

Cat. No. GTX80694

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

References (8)

Package

100 µg

Applications

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
FCM	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 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	Synthetic peptide sequence surrounding phosphorylated Ser140
Purification	Protein G purified
Conjugation	Unconjugated



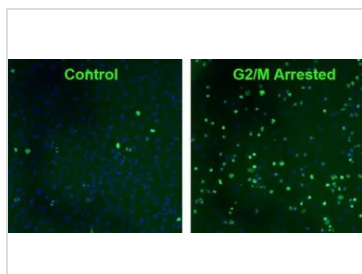
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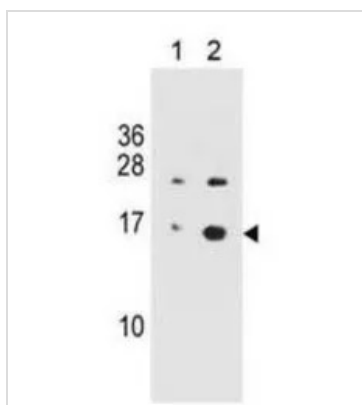
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Note

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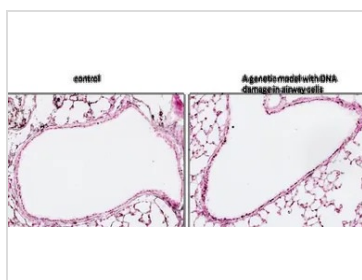
DATA IMAGES

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

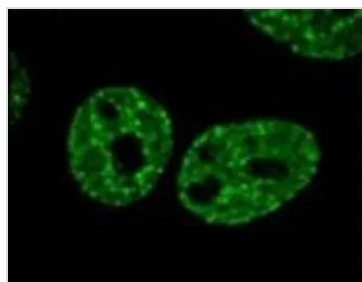

GTX80694 IHC-P Image

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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