

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



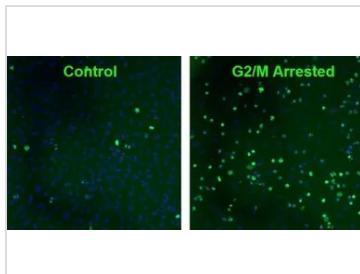
For full product information, images and publications, please visit our [website](#).

Date 2026 / 02 / 01 Page 1 of 2

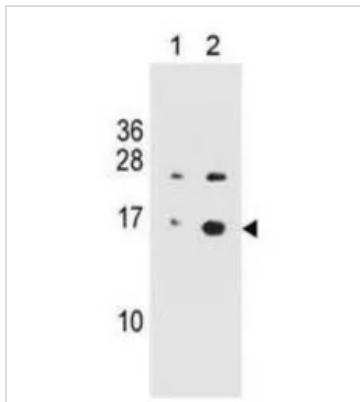
For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.

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.

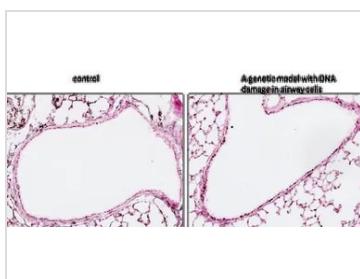
DATA IMAGES**GTX80694 ICC/IF Image**

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

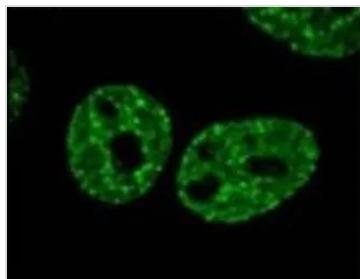
**GTX80694 IHC-P Image**

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].



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

Date 2026 / 02 / 01 Page 2 of 2