

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

**Cat. No. GTX80694**

<b>Host</b>	Mouse
<b>Clonality</b>	Monoclonal
<b>Isotype</b>	IgG1
<b>Applications</b>	WB, ICC/IF, IHC-P, FCM, ELISA
<b>Reactivity</b>	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 <sup>6</sup> 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

<b>Form</b>	Liquid
<b>Buffer</b>	PBS, 0.1% BSA
<b>Preservative</b>	0.05% Sodium azide
<b>Storage</b>	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.
<b>Concentration</b>	1 mg/ml (Please refer to the vial label for the specific concentration.)
<b>Immunogen</b>	Synthetic peptide sequence surrounding phosphorylated Ser140
<b>Purification</b>	Protein G purified
<b>Conjugation</b>	Unconjugated

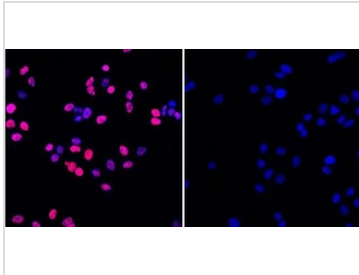
For full product information, images and publications, please visit our [website](#).

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

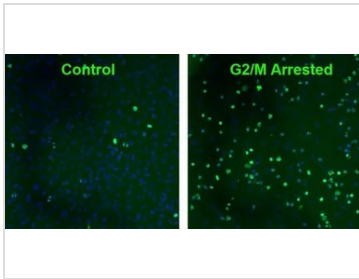


### GTX80694 ICC/IF Image

ICC/IF analysis of A549 cells treated with vehicle (control; 0.1% DMSO in media) or with 50  $\mu$ M etoposide for 1 hour using GTX80694 Histone H2A.XS139ph (phospho Ser139) antibody [3F2].

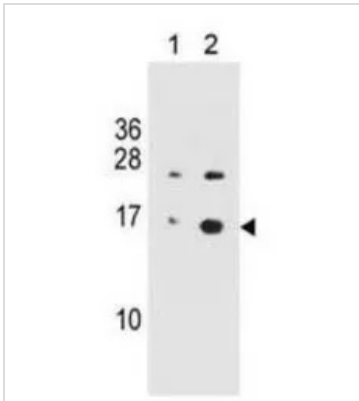
Red : Primary antibody

Blue : Nuclei



### GTX80694 ICC/IF Image

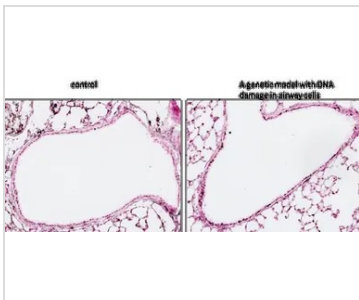
ICC/IF analysis of cells using GTX80694 Histone H2A.XS139ph (phospho Ser139) antibody [3F2].



### 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  $\mu$ g/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



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