

Histone H2A.X (Phospho-Ser139) Rabbit mAb

Catalog No: #14241



Package Size: #14241-1 50ul #14241-2 100ul

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

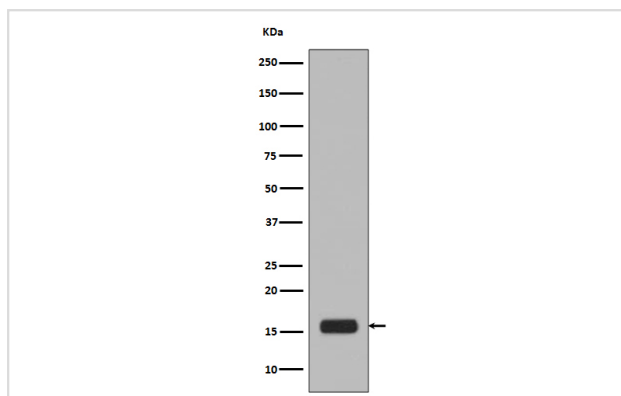
Description

Product Name	Histone H2A.X (Phospho-Ser139) Rabbit mAb
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Purification	Affinity-chromatography
Applications	WB IHC ICC/IF IP
Species Reactivity	Human Mouse Rat
Specificity	Phospho-Histone H2A.X (S139) Antibody detects endogenous levels of total Phospho-Histone H2A.X (S139)
Immunogen Description	A synthesized peptide derived from human Phospho-Histone H2A.X (S139)
Other Names	H2A.X; H2AFX; H2a/x; HIST5-2AX; Histone H2A.X;
Accession No.	Uniprot:P16104
Calculated MW	15kDa
Formulation	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

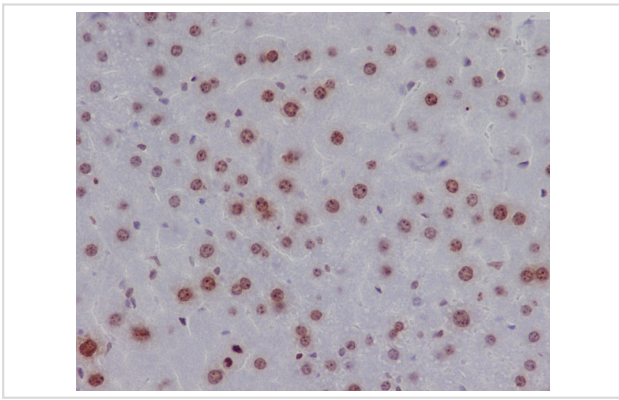
Application Details

WB:1:5000~1:10000IHC:1:50~1:200ICC1:50~1:200IP:1:30

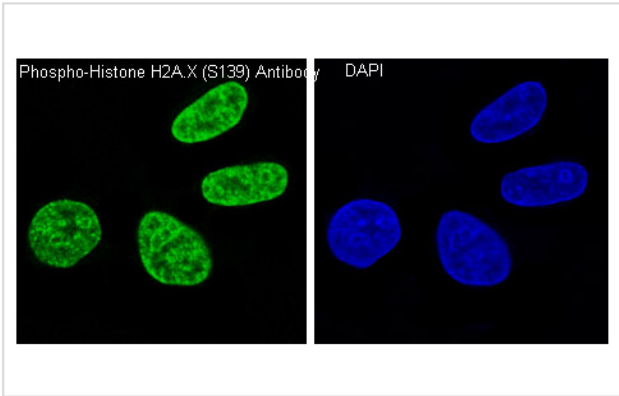
Images



Western blot analysis of HistoneH2A.X phosphorylation expression in Jurkat cell lysate treated with etoposide.



Immunohistochemical analysis of paraffin-embedded mouse liver, using Phospho-Histone H2A.X (S139) Antibody.



Immunofluorescent analysis of HeLa cells treated with H₂O₂, using Phospho-Histone H2A.X (S139) Antibody.

Product Description

Variant histone H2A which replaces conventional H2A in a subset of nucleosomes. Nucleosomes wrap and compact DNA into chromatin, limiting DNA accessibility to the cellular machineries which require DNA as a template. Histones thereby play a central role in transcription regulation, DNA repair, DNA replication and chromosomal stability.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.