

Histone H2A.X Rabbit mAb

Catalog No: #58687

Package Size: #58687-1 50ul #58687-2 100ul

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

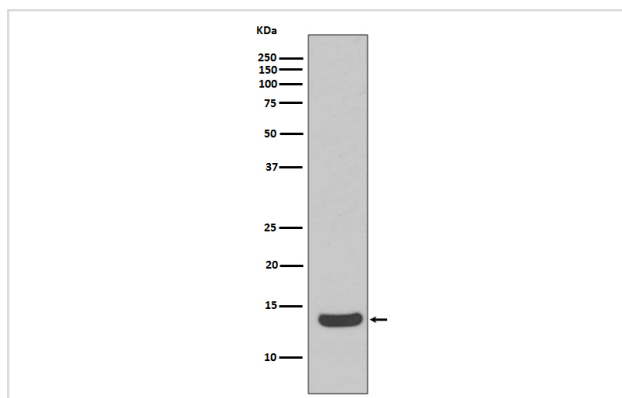
Description

Product Name	Histone H2A.X 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	Histone H2A.X Antibody detects endogenous levels of total Histone H2A.X
Immunogen Description	A synthesized peptide derived from human Histone H2A.X
Other Names	H2A.X; H2AFX; H2a/x; HIST5-2AX; Histone H2A.X; AW228881; H2A histone family member X; Histone 2A;
Accession No.	Uniprot:P16104
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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.

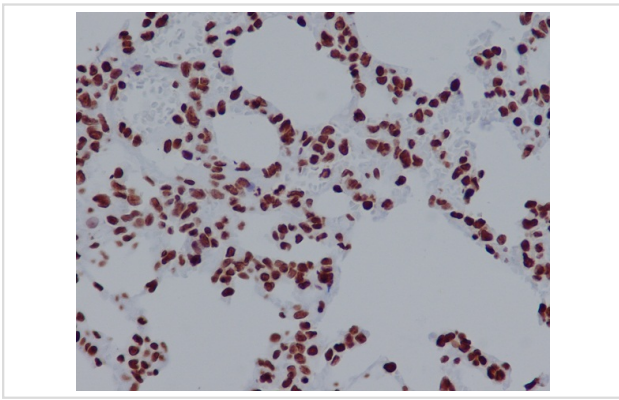
Application Details

WB 1:500~1:2000 IHC 1:50~1:200 ICC/IF 1:50~1:200 IP 1:50

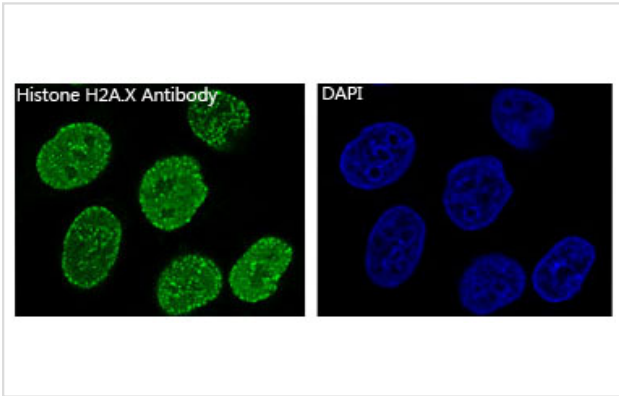
Images



Western blot analysis of Histone H2A.X expression in Raji cell lysates.



Immunohistochemical analysis of paraffin-embedded rat lung, using Histone H2A.X Antibody.



Immunofluorescent analysis of HeLa cells, using Histone H2A.X 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.

Background

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Note: This product is for in vitro research use only