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# Histone H2A.X(Phospho-Ser139) mouse mAb

Catalog No	YP-Ab-01107
lsotype	lgG
Reactivity	Human;Mouse
Applications	WB;IHC;IF
Gene Name	H2AFX
Protein Name	Histone H2A.x,yH2AX
Immunogen	Synthetic phosphopeptide corresponding to residues surrounding Ser139 of human H2A.X.
Specificity	This antibody detects endogenous levels of H2A.X only when phosphorylated at serine 139.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Monoclonal, Mouse
Purification	The antibody was affinity-purified from mouse ascites by affinity-chromatography using epitope-specific immunogen.
Dilution	wb dilution 1:2000 IHC-P 1:100-500 icc dilution 1:400. IF 1:50-200
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	H2A histone family, member X;H2A.X;H2a/x;H2AFX;H2AX;H2AX histone;H2AX_HUMAN;Histone H2A.X;Histone H2AX
Synonyms Observed Band	•
	histone;H2AX_HUMAN;Histone H2A.X;Histone H2AX
Observed Band	histone;H2AX_HUMAN;Histone H2A.X;Histone H2AX 15kD



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BackgroundHistones are basic nuclear proteins that are responsible for the nucleosome<br/>structure of the chromosomal fiber in eukaryotes. Two molecules of each of the<br/>four core histones (H2A, H2B, H3, and H4) form an octamer, around which<br/>approximately 146 bp of DNA is wrapped in repeating units, called nucleosomes.<br/>The linker histone, H1, interacts with linker DNA between nucleosomes and<br/>functions in the compaction of chromatin into higher order structures. This gene<br/>encodes a replication-independent histone that is a member of the histone H2A<br/>family, and generates two transcripts through the use of the conserved stem-loop<br/>termination motif, and the polyA addition motif. [provided by RefSeq, Oct 2015],matters needing<br/>attentionAvoid repeated freezing and thawing!Usage suggestionsThis product can be used in immunological reaction related experiments. For<br/>more information, please consult technical personnel.

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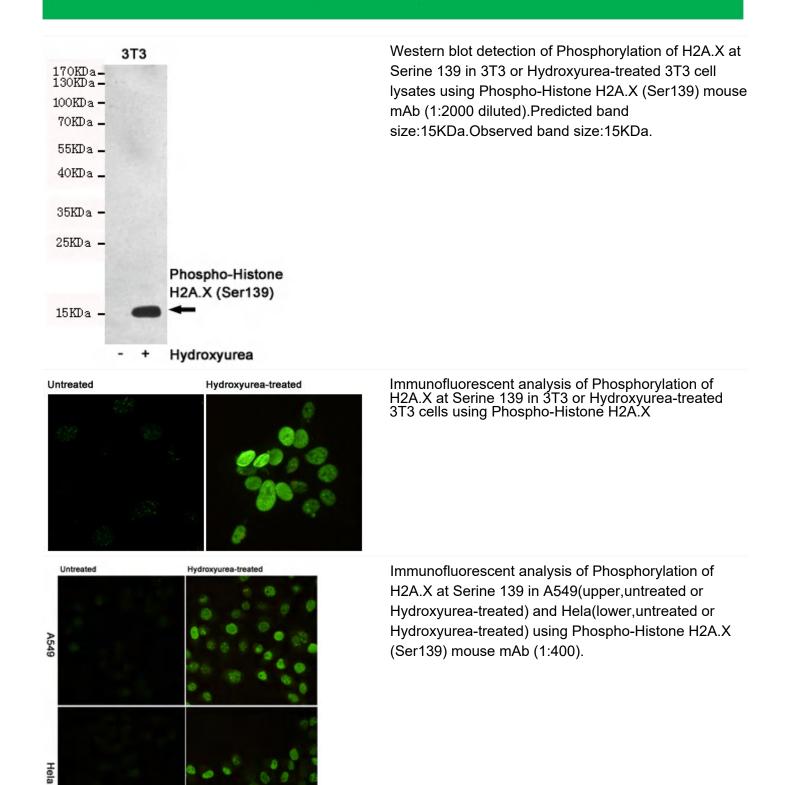


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# **Products Images**

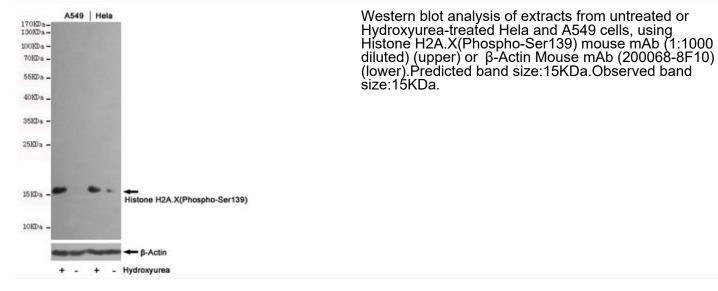




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