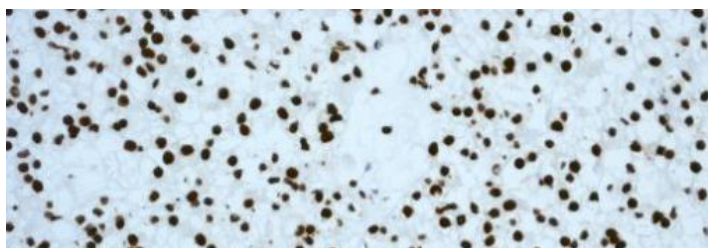
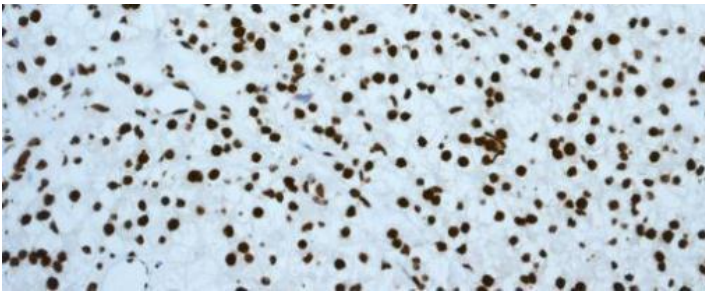




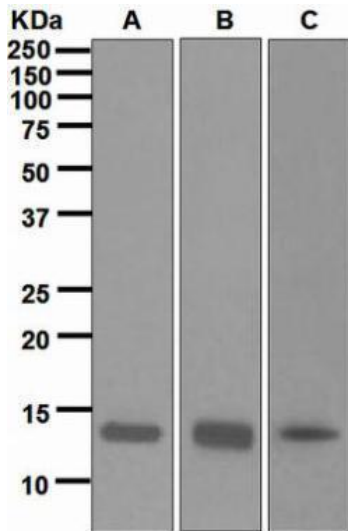
<b>Catalog Number</b>	GTX62983	Package: 100 µl
<b>Product Name</b>	Histone H2A.X antibody [EPR895]	
<b>Full Name</b>	H2A histone family, member X	
<b>Synonyms</b>	H2AX, H2AFX, H2A.X, H2A/X	
<b>Product Description</b>	Rabbit monoclonal antibody [EPR895] to Histone H2A.x	
<b>Specificity</b>	GTX62983 is specific for Human Histone H2A.x.	
<b>Background</b>	Histones are basic nuclear proteins that are responsible for the nucleosome structure of the chromosomal fiber in eukaryotes. Two molecules of each of the four core histones (H2A, H2B, H3, and H4) form an octamer, around which DNA is wrapped in repeating units, called nucleosomes. The linker histone, H1, interacts with linker DNA between nucleosomes and functions in the compaction of chromatin into higher order structures. Histone H2A.x is a member of the histone H2A family, and generates two transcripts through the use of the conserved stem-loop termination motif, and the polyA addition motif.	
<b>Host</b>	Rabbit	
<b>Clonality</b>	Monoclonal	
<b>Clone Name</b>	EPR895	
<b>Isotype</b>	IgG	
<b>Target</b>	Histone H2A.x	
<b>Immunogen</b>	A synthetic peptide corresponding to residues in human Histone H2A.x was used as an immunogen.	
<b>Antigen Species</b>	Human	
<b>Species Reactivity</b>	Human, Mouse, Rat	
<b>Applications</b>	ICC/IF, IHC-P, IP, WB, ChIP assay	
<b>Application Note</b>	Not yet tested in other applications. Optimal dilutions should be determined experimentally by the end user.	
<b>Form Supplied</b>	Liquid	
<b>Purification</b>	Cell Supernatant	
<b>Storage Buffer</b>	50 mM Tris-Glycine (pH 7.4), 0.15 M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA.	
<b>Storage Instruction</b>	Store at -20 °C. Stable for 12 months from date of receipt.	
<b>Notes</b>	For <i>In vitro</i> laboratory use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption. RabMAb® technology is covered by the following U.S. Patents, No. 5,675,063 and/or 7,429,488.	
<b>ResearchArea</b>	<a href="#">Cancer</a> > <a href="#">DNA repair</a> > <a href="#">Double-strand break repair</a> > <a href="#">Homologous recombination</a> <a href="#">Cancer</a> > <a href="#">DNA repair</a> > <a href="#">Regulation</a> > <a href="#">Positive regulation</a> <a href="#">Cancer</a> > <a href="#">Type of cancer</a> > <a href="#">Breast</a> > <a href="#">Other</a>	





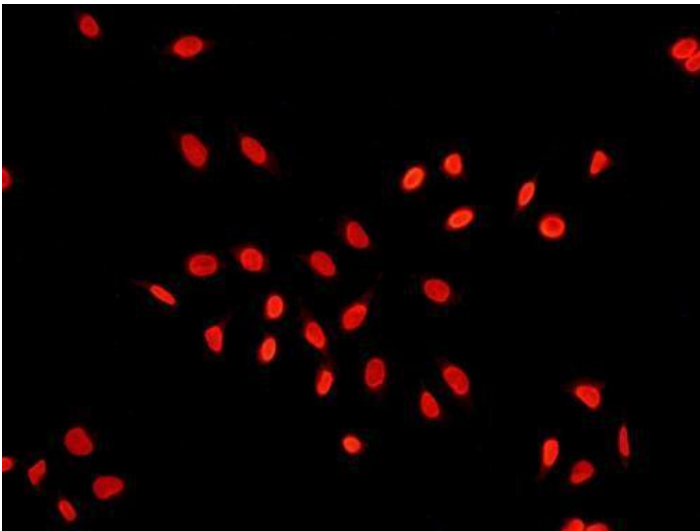
**GTX62983 IHC-P Image**

Immunohistochemical analysis of paraffin-embedded human clear cell carcinoma tissue using anti-Histone H2A.x mAb



**GTX62983 WB Image**

Western blot analysis on (A) Raji, (B) fetal kidney, and (C) human heart lysates using anti-Histone H2A.x mAb (GTX62983)



**GTX62983 ICC/IF Image**

Immunofluorescent staining of HeLa cells using anti-Histone H2A.x mAb