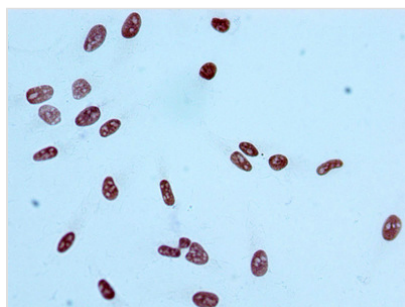




# Acetyl-Histone H2A type 1-B/E (K9) Recombinant Monoclonal Antibody

<b>Product Code</b>	CSB-RA010385A09acHU
<b>Abbreviation</b>	Histone H2A type 1-B/E
<b>Storage</b>	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
<b>Uniprot No.</b>	P04908
<b>Immunogen</b>	A synthesized peptide
<b>Species Reactivity</b>	Human
<b>Tested Applications</b>	ELISA, ICC, IF; Recommended dilution: ICC:1:50-1:500, IF:1:30-1:200
<b>Relevance</b>	Core component of nucleosome. 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. DNA accessibility is regulated via a complex set of post-translational modifications of histones, also called histone code, and nucleosome remodeling.
<b>Form</b>	Liquid
<b>Conjugate</b>	Non-conjugated
<b>Storage Buffer</b>	Rabbit IgG in 10mM phosphate buffered saline , pH 7.4, 150mM sodium chloride, 0.05% BSA, 0.02% sodium azide and 50% glycerol.
<b>Purification Method</b>	Affinity-chromatography
<b>Isotype</b>	Rabbit IgG
<b>Clonality</b>	Monoclonal
<b>Alias</b>	Histone H2A type 1-B/E, Histone H2A.2, Histone H2A/a, Histone H2A/m, HIST1H2AB, H2AFM, AND, HIST1H2AE, H2AFA
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Research Area</b>	Epigenetics and Nuclear Signaling
<b>Target Names</b>	HIST1H2AB
<b>Clone No.</b>	3H5

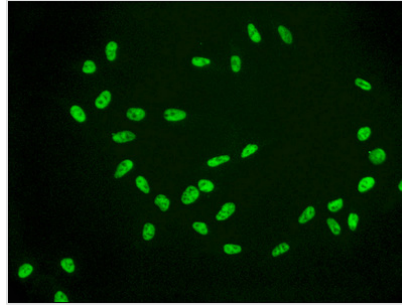
## Image



Immunocytochemistry analysis of CSB-RA010385A09acHU diluted at 1:100 and staining in Hela cells performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4? overnight. The primary is detected by a biotinylated secondary antibody and visualized



using an HRP conjugated SP system.



Immunofluorescence staining of HeLa cells (treated by 15mM sodium butyrate for 30min) with CSB-RA010385A09acHU at 1:56, counter-stained with DAPI. The cells were fixed in 4% formaldehyde, permeabilized using 0.2% Triton X-100 and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4°C. The secondary antibody was Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG (H+L).

## Usage

For Research Use Only. Not for use in diagnostic or therapeutic procedures.