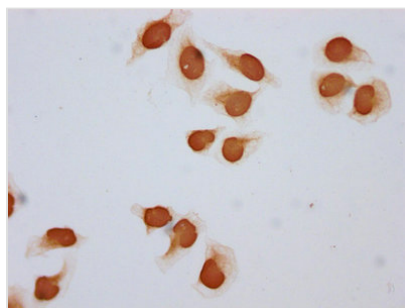




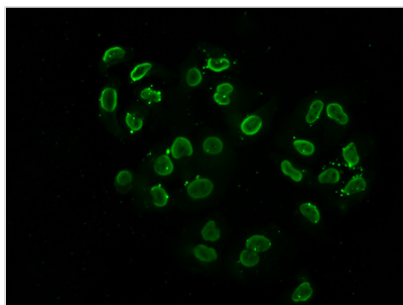
Acetyl-HIST1H2BC (K108) Antibody

Product Code	CSB-PA010403OA108acHU
Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
Uniprot No.	P62807
Immunogen	Peptide sequence around site of Acetyl-Lys (108) derived from Human Histone H2B type 1-C/E/F/G/I
Raised In	Rabbit
Species Reactivity	Human
Tested Applications	ELISA, ICC, IF, ChIP; Recommended dilution: ICC:1:1-1:10, IF:1:1-1:10
Form	Liquid
Conjugate	Non-conjugated
Storage Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, pH 7.4
Purification Method	Antigen Affinity Purified
Isotype	IgG
Clonality	Polyclonal
Alias	Histone H2B type 1-C/E/F/G/I (Histone H2B.1 A) (Histone H2B.a) (H2B/a) (Histone H2B.g) (H2B/g) (Histone H2B.h) (H2B/h) (Histone H2B.k) (H2B/k) (Histone H2B.l) (H2B/l), HIST1H2BC; HIST1H2BE; HIST1H2BF; HIST1H2BG; HIST1H2BI, H2BFL; H2BFH; H2BFG; H2BFA; H2BFK
Immunogen Species	Homo sapiens (Human)
Research Area	Epigenetics and Nuclear Signaling
Target Names	HIST1H2BC

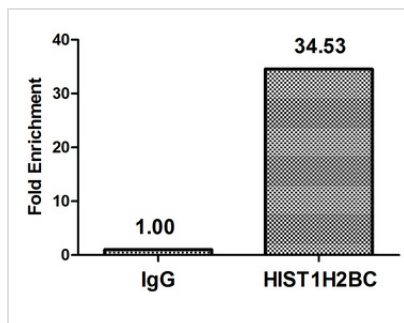
Image



Immunocytochemistry analysis of CSB-PA010403OA108acHU diluted at 1:5 and staining in HeLa cells (treated with 30mM sodium butyrate for 4h) performed on a Leica Bond™ system. The cells were fixed in 4% formaldehyde, permeabilized using 0.2% Triton X-100 and blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.



Immunofluorescence staining of HeLa cells (treated with 30mM sodium butyrate for 4h) with CSB-PA010403OA108acHU at 1:2.5, 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).



Chromatin Immunoprecipitation HeLa (4×10^6 , treated with 30mM sodium butyrate for 4h) were treated with Benzanase, sonicated, and immunoprecipitated with 5µg anti-HIST1H2BC (CSB-PA010403OA108acHU) or a control normal rabbit IgG. The resulting ChIP DNA was quantified using real-time PCR with primers against the β -Globin promoter.

Usage

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