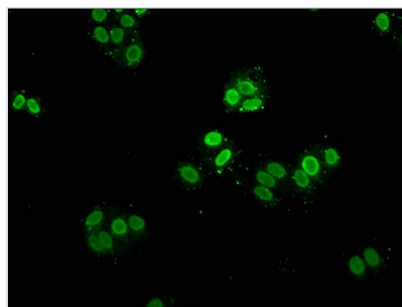




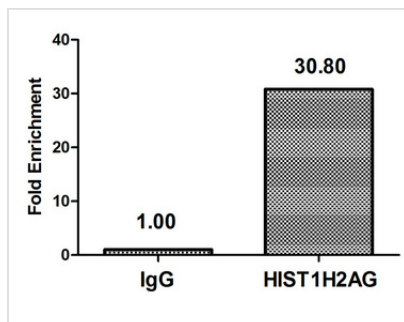
Mono-methyl-HIST1H2AG (K9) Antibody

Product Code	CSB-PA010389OA09me1HU
Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
Uniprot No.	P0C0S8
Immunogen	Peptide sequence around site of Mono-methyl-Lys (9) derived from Human Histone H2A type 1
Raised In	Rabbit
Species Reactivity	Human
Tested Applications	ELISA, ICC, IF, ChIP; Recommended dilution: ICC:1:10-1:100, 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 H2A type 1 (H2A.1) (Histone H2A/pt1), HIST1H2AG; HIST1H2AI; HIST1H2AK; HIST1H2AL; HIST1H2AM, H2AFP; H2AFC; H2AFD; H2AFI; H2AFN
Immunogen Species	Homo sapiens (Human)
Research Area	Epigenetics and Nuclear Signaling
Target Names	HIST1H2AG

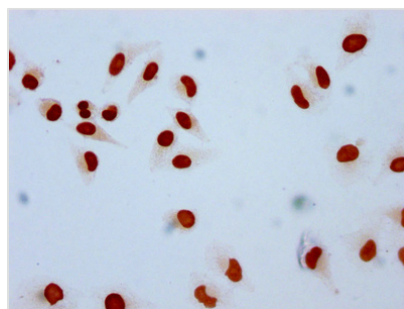
Image



Immunofluorescence staining of HeLa cells with CSB-PA010389OA09me1HU at 1:5, 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) were treated with Micrococcal Nuclease, sonicated, and immunoprecipitated with 5 μ g anti-HIST1H2AG (CSB-PA010389OA09me1HU) or a control normal rabbit IgG. The resulting ChIP DNA was quantified using real-time PCR with primers against the β -Globin promoter.



Immunocytochemistry analysis of CSB-PA010389OA09me1HU diluted at 1:10 and staining in HeLa cells performed on a Leica BondTM 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 $^{\circ}$ C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.

Usage

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