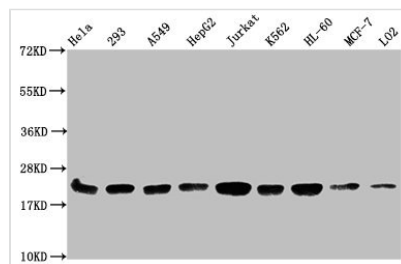




Mono-methyl-HIST1H1C (K186) Antibody

Product Code	CSB-PA010378PA186me1HU
Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
Uniprot No.	P16403
Immunogen	Peptide sequence around site of Mono-methyl-Lys (186) derived from Human Histone H1.2
Raised In	Rabbit
Species Reactivity	Human
Tested Applications	ELISA, WB, IF, ChIP; Recommended dilution: WB:1:500-1:2000, 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 H1.2 (Histone H1c) (Histone H1d) (Histone H1s-1), HIST1H1C, H1F2
Immunogen Species	Homo sapiens (Human)
Research Area	Epigenetics and Nuclear Signaling
Target Names	HIST1H1C

Image



Western Blot

Positive WB detected in: HeLa whole cell lysate, 293 whole cell lysate, A549 whole cell lysate, HepG2 whole cell lysate, Jurkat whole cell lysate, K562 whole cell lysate, HL60 whole cell lysate, MCF-7 whole cell lysate, LO2 whole cell lysate

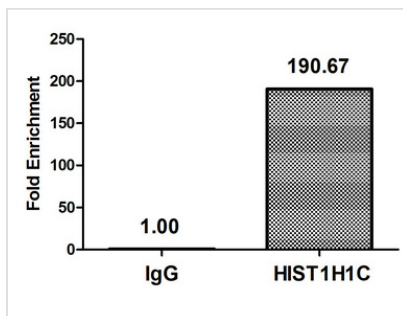
All lanes: HIST1H1C antibody at 1:500

Secondary

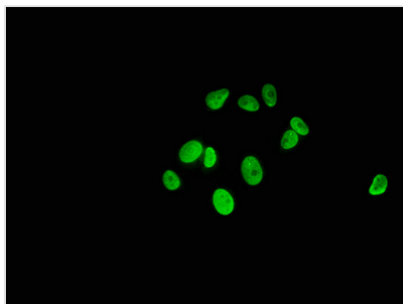
Goat polyclonal to rabbit IgG at 1/40000 dilution

Predicted band size: 22 kDa

Observed band size: 22 kDa



Chromatin Immunoprecipitation HeLa (4×10^6) were treated with Micrococcal Nuclease, sonicated, and immunoprecipitated with $8 \mu\text{g}$ anti-HIST1H1C (CSB-PA010378PA186me1HU) or a control normal rabbit IgG. The resulting ChIP DNA was quantified using real-time PCR with primers against the β -Globin promoter.



Immunofluorescence staining of MCF-7 cells with CSB-PA010378PA186me1HU 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).

Usage

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