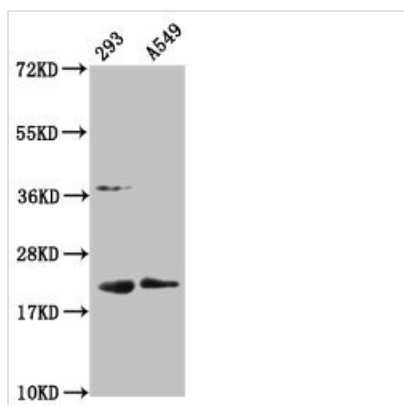




# Mono-methyl-HIST1H1C (K45) Antibody

<b>Product Code</b>	CSB-PA010378OA45me1HU
<b>Storage</b>	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
<b>Uniprot No.</b>	P16403
<b>Immunogen</b>	Peptide sequence around site of Mono-methyl-Lys (45) derived from Human Histone H1.2
<b>Raised In</b>	Rabbit
<b>Species Reactivity</b>	Human
<b>Tested Applications</b>	ELISA, WB, ICC, IF; Recommended dilution: WB:1:100-1:1000, ICC:1:20-1:200, IF:1:10-1:100
<b>Form</b>	Liquid
<b>Conjugate</b>	Non-conjugated
<b>Storage Buffer</b>	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, pH 7.4
<b>Purification Method</b>	Antigen Affinity Purified
<b>Isotype</b>	IgG
<b>Clonality</b>	Polyclonal
<b>Alias</b>	Histone H1.2 (Histone H1c) (Histone H1d) (Histone H1s-1), HIST1H1C, H1F2
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Research Area</b>	Epigenetics and Nuclear Signaling
<b>Target Names</b>	HIST1H1C

## Image



### Western Blot

Positive WB detected in: 293 whole cell lysate, A549 whole cell lysate

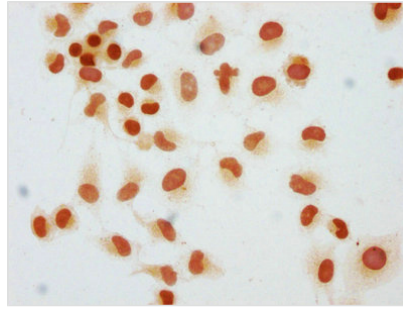
All lanes: HIST1H1C antibody at 1:100

Secondary

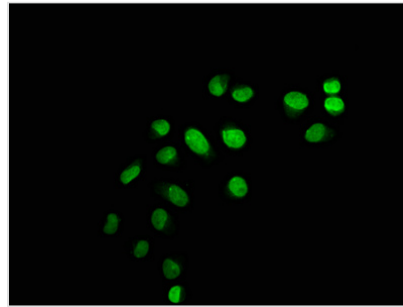
Goat polyclonal to rabbit IgG at 1/50000 dilution

Predicted band size: 22 kDa

Observed band size: 22 kDa



Immunocytochemistry analysis of CSB-PA010378OA45me1HU diluted at 1:25 and staining in HeLa cells 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 with CSB-PA010378OA45me1HU at 1:12.5, counterstained 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.