



# Phospho-Histone H3(Ser28) Monoclonal Antibody

<b>Product Code</b>	CSB-MA010418PA28ph02HU
<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>	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
<b>Purification Method</b>	>95%, Protein G purified
<b>Isotype</b>	IgG1
<b>Clonality</b>	Monoclonal Antibody
<b>Product Type</b>	Monoclonal Antibody
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Clone No.</b>	3F12A10

## Image



Overlay Peak curve showing HeLa cells stained with CSB-MA010418PA28ph02HU (red line) at 1:100. The cells were incubated in 10% normal goat serum to block non-specific protein-protein interactions followed by the antibody (1µg/1\*10<sup>6</sup>cells) for 1h at 4°C. The secondary antibody used was FITC-conjugated Goat Anti-Mouse IgG(H+L) at 1/100 dilution for 30min at 4°C. Isotype control antibody (green line) was mouse IgG1 (1µg/1\*10<sup>6</sup>cells) used under the same conditions. Acquisition of >10,000 events was performed.



Overlay Peak curve showing HepG2 cells stained with CSB-MA010418PA28ph02HU (red line) at 1:100. The cells were incubated in 10% normal goat serum to block non-specific protein-protein interactions followed by the antibody (1µg/1\*10<sup>6</sup>cells) for 1h at 4°C. The secondary antibody used was FITC-conjugated Goat Anti-Mouse IgG(H+L) at 1/100 dilution for 30min at 4°C. Isotype control antibody (green line) was mouse IgG1 (1µg/1\*10<sup>6</sup>cells) used under the same conditions. Acquisition of >10,000 events was performed.