

**Product Name: Phospho-Histone H3 (Ser28) Rabbit  
Monoclonal Antibody  
Catalog #: AMRe02090**

---



## Summary

<b>Production Name</b>	Phospho-Histone H3 (Ser28) Rabbit Monoclonal Antibody
<b>Description</b>	Rabbit Monoclonal antibody
<b>Host</b>	Rabbit
<b>Application</b>	WB,IHC-F,IHC-P,ICC/IF
<b>Reactivity</b>	Human,Mouse

## Performance

<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Phosphorylated
<b>Isotype</b>	IgG
<b>Clonality</b>	Monoclonal
<b>Form</b>	Liquid
<b>Storage</b>	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
<b>Buffer</b>	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
<b>Purification</b>	Affinity Purification

## Immunogen

<b>Gene Name</b>	H3C1
<b>Alternative Names</b>	H3 histone; family 3A; H3 histone; family 3B (H3.3B); H3.3A; H3.3B; H33; H3F3; H3F3A; H3F3B; Histone H3.3
<b>Gene ID</b>	8350
<b>SwissProt ID</b>	P68431.

## Application

<b>Dilution Ratio</b>	WB: 1:500-1:1000 IHC: 1:50-1:100 IF: 1:50-1:200
<b>Molecular Weight</b>	Calculated MW: 15 kDa; Observed MW: 15 kDa

**Product Name: Phospho-Histone H3 (Ser28) Rabbit Monoclonal Antibody**  
**Catalog #: AMRe02090**

---



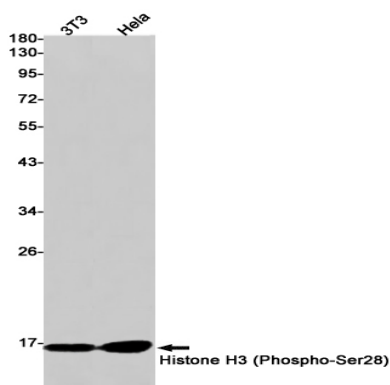
## Background

H3 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.

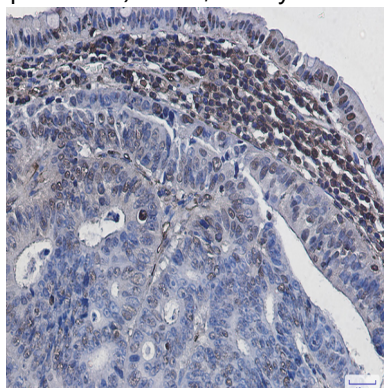
## Research Area

Epigenetics and Nuclear Signaling

## Image Data



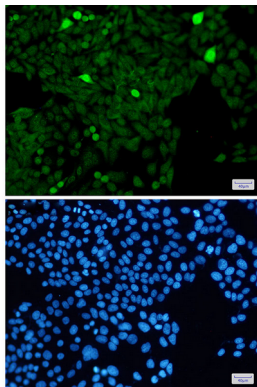
Western blot analysis of Histone H3 (Phospho-Ser28) in 3T3, HeLa lysates using Phospho-Histone H3 (Ser28) antibody.



Immunohistochemistry analysis of paraffin-embedded Human colon cancer using Histone H3 (Phospho-Ser28) antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.

**Product Name: Phospho-Histone H3 (Ser28) Rabbit  
Monoclonal Antibody  
Catalog #: AMRe02090**

---



Immunocytochemistry analysis of Histone H3 (Phospho-Ser28)(green) in HeLa using Histone H3 (Phospho-Ser28) antibody, and DAPI(blue)

### **Note**

For research use only.