Recombinant Phospho-Histone H3 (Ser28) Monoclonal Antibody

catalog number: **AN300389L**

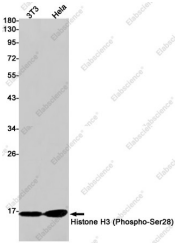
Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

Reactivity	Human;Mouse;Rat
Immunogen	A synthetic peptide corresponding to the residues around
Host	Rabbit
Isotype	Rabbit IgG
Clone	C110187
Purification	Affinity Purification
Buffer	0.2 μm filtered solution in PBS

Applications	Recommended Dilution
WB	1:1000
IHC	1:50
ICC/IF	1:50
FC	1:20

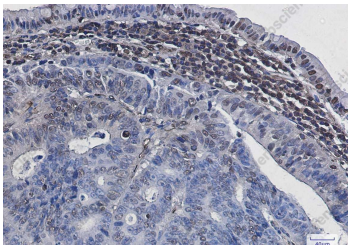
Data



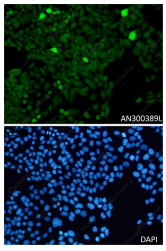
Western blot detection of Histone H3 (Phospho-Ser28) in 3T3,Hela cell lysates using Histone H3 (Phospho-Ser28) antibody(1:1000 diluted).

Observed-MW:15 kDa

Calculated-MW:15 kDa



Immunohistochemical analysis of paraffin-embedded human colon cancer.



Immunofluorescent analysis of HeLa cells using Phospho-Histone H3 (Ser28) antibody (green), and DAPI (blue).

Preparation & Storage

Storage	This antibody can be stored at 2°C-8°C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20°C to -80°C. Preservative-Free. Avoid repeated freeze-thaw cycles.
Shipping	Ice bag

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Background

Histones are basic nuclear proteins that are responsible for the nucleosome structure of the chromosomal fiber in eukaryotes. Two molecules of each of the four core histones (H2A, H2B, H3, and H4) form an octamer, around which approximately 146 bp of DNA is wrapped in repeating units, called nucleosomes. The linker histone, H1, interacts with linker DNA between nucleosomes and functions in the compaction of chromatin into higher order structures. This gene contains introns and its mRNA is polyadenylated, unlike most histone genes. The protein encoded is a replication-independent member of the histone H3 family. [provided by RefSeq, Jul 2008]

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