

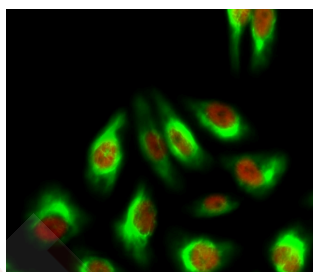
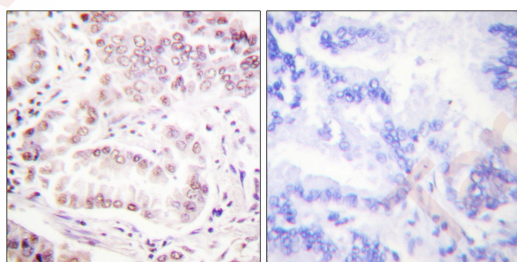
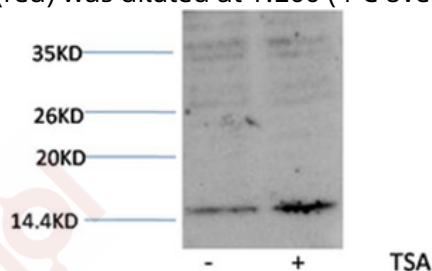
Anti-Acetyl-HIST1H3A (Lys27) Polyclonal Antibody

Product Details

| | |
|-------------------|---|
| Ig Type: | IgG |
| Reactivity: | Human,Mouse,Rat,Monkey,Arabidopsis thaliana |
| Conjugation: | Unconjugated |
| Molecular Weight: | Actual: 17 kDa. |
| Purification: | Affinity purification using immunogen. |

Applications

- Verified Activity:
1. Western blot analysis of extracts from Hela cells, untreated (-) or treated with TSA (1 μ M, 18 hr; +), using TMAC-01927 diluted at 1:1,000.
 2. Immunohistochemistry analysis of paraffin-embedded human lung carcinoma tissue, using Histone H3 (Acetyl-Lys27) Antibody. The picture on the right is blocked with the synthesized peptide.
 3. Immunofluorescence analysis of Hela cell. Histone H3 (Acetyl Lys27) Polyclonal Antibody (red) was diluted at 1:200 (4°C overnight).



Application: ELISA,IF,IHC,IP,WB

Recommended WB: 1:500-2000; IHC: 1:100-300; IF: 1:200-1000; IP: 1:200; ELISA: 1:5000

Properties

Stability & Storage: Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.

Shipping: Shipping with blue ice.

Antigen Details

Immunogen: A synthesized acetylpeptide: human Histone H3 around the acetylation site of Lys27

Antigen Species: Human

Uniprot ID: P68431

Synonyms: Ac-H3K27;Ac-HIST1H3A (Lys27);Histone H3K27-acetylated;Ac-HIST1H3A (K27);H3K27ac;Acetyl-HIST1H3A (K27)

Research Background

Histone H3 is one of the five main histone proteins involved in the structure of chromatin in eukaryotic cells. 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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