

ACETYL-HISTONE H3 (LYS27) RABBIT MAB

Cat.#: N263147

Product Name: Anti-Acetyl-Histone H3 (Lys27) Rabbit Monoclonal Antibody

Synonyms: H3K27ac; H3/j; H3C1; H3C2; H3C3; H3C4; H3C6; H3C7; H3C8; H3FJ; H3C10; H3C11; HIST1H3J

UNIPROT ID: P68431

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.

Immunogen: A synthetic acetyl-peptide corresponding to residues surrounding Lys27 of human Histone H3

Applications: WB,IHC-F,IHC-P,ICC/IF,IP,ChIP

Recommended Dilutions: WB: 1/500-1/1000 IHC: 1/50-1/100 IF: 1/50-1/200 IP: 1/20 ChIP: 1/20

Host Species: Rabbit

Clonality: Rabbit Monoclonal

Clone ID: R08-4A0

MW: Calculated MW: 15 kDa; Observed MW: 15 kDa

Isotype: IgG

Purification: Affinity Purified

Species Reactivity: Human

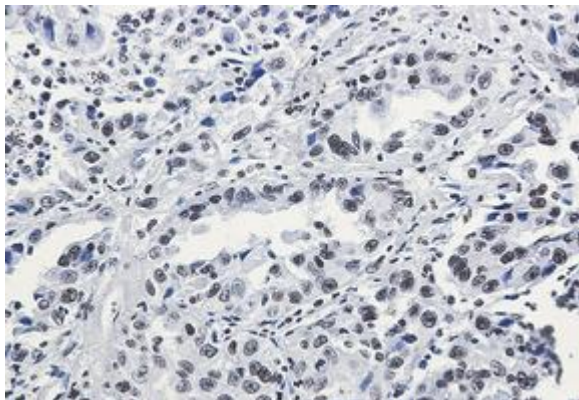
Conjugation: Unconjugated

Modification: Acetylated

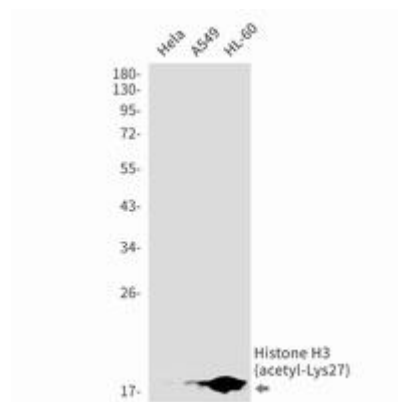
Constituents: PBS (without Mg²⁺ and Ca²⁺), pH 7.3 containing 50% glycerol, 0.5% BSA and 0.02% sodium azide

Research Areas: Epigenetics and Nuclear Signaling

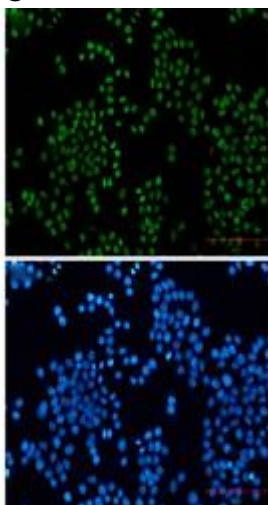
Storage & Shipping: Store at -20°C. Avoid repeated freezing and thawing



Immunohistochemistry analysis of paraffin-embedded Human lung cancer using Histone H3 (acetylLys27) antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.



Western blot analysis of Histone H3 (acetylLys27) in HeLa, A549, HL-60 lysates using Acetyl-Histone H3 (Lys27) antibody.



Immunocytochemistry analysis of Histone H3 (acetylLys27) (green) in HeLa using Histone H3 (acetylLys27) antibody, and DAPI (blue)