

## **Product Description**

Pioneering GTPase and Oncogene Product Development since 2010

## ACETYL-HISTONE H3 (LYS4) RABBIT MAB

Cat.#: N263629

**Product Name:** Anti-Acetyl-Histone H3 (Lys4) Rabbit Monoclonal Antibody **Synonyms:** H3K4ac; 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 synthesized peptide derived from human Histone H3 (acetyl K4)

Applications: WB,ICC/IF

**Recommended Dilutions:** WB: 1/500-1/1000 IF: 1/50-1/200

Host Species: Rabbit

Clonality: Rabbit Monoclonal

**Clone ID:** R06-2C5

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

Isotype: IgG

Purification: Affinity Purified

Species Reactivity: Human, Mouse

Conjugation: Unconjugated

Modification: Acetylated

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

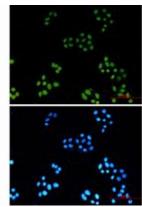
**Research Areas:** EpigeneticsyyyyyHistone Acetylation

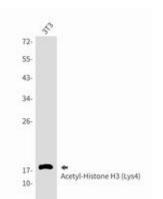
**Storage & Shipping:** Store at -20°C. Avoid repeated freezing and thawing



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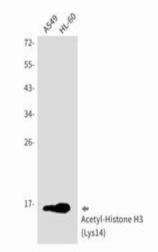
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Immunocytochemistry analysis of Western blot analysis of Acetyl-Acetyl-Histone H3 (Lys4) (green) in Hela using Acetyl-Histone H3 (Lys4) antibody, and DAPI(blue)

Histone H3 (Lys4) in 3T3 lysates using Acetyl-Histone H3 (Lys4) antibody.



Western blot analysis of Acetyl-Histone H3 (Lys4) in A549, HL-60 lysates using Acetyl-Histone H3 (Lys4) antibody.