

**Acetyl-Histone H3 (Lys14) monoclonal antibody**

Catalog: MB12325

Host: Rabbit

Reactivity: Human, Rat

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.

Product:

50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA

Molecular Weight:

Calculated MW: 15 kDa; Observed MW: 15 kDa

Swiss-Prot:

P68431

Purification&Purity:

Affinity Purified

Applications:

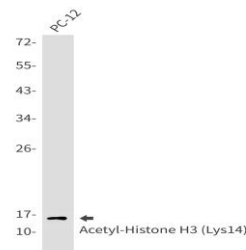
WB: 1/500-1/1000 IF: 1/50-1/200 IP: 1/20

Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Isotype:

IgG

DATA:

Immunocytochemistry analysis of Acetyl-Histone H3 in HeLa using Acetyl-Histone H3 antibody, and DAPI.

Western blot analysis of Acetyl-Histone H3 in PC-12 lysates using Acetyl-Histone H3 antibody. Observed band size: 15kDa.

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

Note:

For research use only, not for use in diagnostic procedure.

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