

## Acetyl-Histone H3 (Lys27) monoclonal antibody

Catalog: MB11845

Host: Rabbit

Reactivity: Human

### 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 IHC: 1/50-1/100 IF: 1/50-1/200  
IP: 1/20 ChIP: 1/20

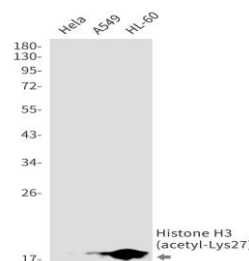
### Storage&Stability:

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

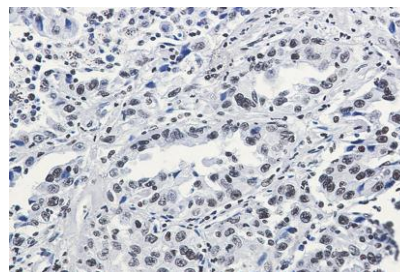
### Isotype:

IgG

### DATA:



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



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

Immunocytochemistry analysis of Histone H3 in HeLa using Histone H3 antibody and DAPI

### Note:

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

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