

A11018

Leader in Biomolecular Solutions for Life Science



# Acetyl-Histone H2A-K9 Rabbit mAb

Catalog No.: A11018 **Recombinant**

## Basic Information

### Observed MW

14kDa

### Calculated MW

14kDa

### Category

SMab Recombinant Monoclonal Antibody

### Applications

WB,IHC-P,IF/ICC,ELISA

### Cross-Reactivity

Human,Mouse,Rat

## Background

Histones are basic nuclear proteins that are responsible for the nucleosome structure of the chromosomal fiber in eukaryotes. Nucleosomes consist of approximately 146 bp of DNA wrapped around a histone octamer composed of pairs of each of the four core histones (H2A, H2B, H3, and H4). The chromatin fiber is further compacted through the interaction of a linker histone, H1, with the DNA between the nucleosomes to form higher order chromatin structures. This gene is intronless and encodes a replication-dependent histone that is a member of the histone H2A family. Transcripts from this gene lack polyA tails; instead, they contain a palindromic termination element. This gene is found in the large histone gene cluster on chromosome 6p22-p21.3. [provided by RefSeq, Aug 2015]

## Recommended Dilutions

|        |                |
|--------|----------------|
| WB     | 1:500 - 1:2000 |
| IHC-P  | 1:500 - 1:1000 |
| IF/ICC | 1:100 - 1:500  |

## Immunogen Information

**Gene ID**  
3012/8335

**Swiss Prot**  
P04908

### Immunogen

A specific peptide of human Acetyl-Histone H2A-K9

### Synonyms

H2A K9ac; Acetyl-Histone H2A-K9

## Contact



[www.abclonal.com](http://www.abclonal.com)

## Product Information

**Source**  
Rabbit

**Isotype**  
IgG

**Purification**  
Affinity purification

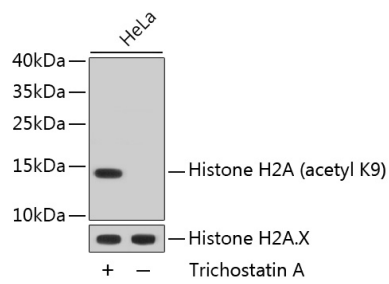
### Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.

## Validation Data

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Western blot analysis of extracts of various cell lines, using Acetyl-Histone H2A-K9 antibody (A11018).  
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.  
Lysates/proteins: 25µg per lane.  
Blocking buffer: 3% nonfat dry milk in TBST.