

A10937

Leader in Biomolecular Solutions for Life Science



# MonoMethyl-Histone H3-K18 Rabbit mAb

Catalog No.: A10937 **Recombinant**

## Basic Information

### Observed MW

16kDa

### Calculated MW

16kDa

### 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 H3 family. Transcripts from this gene lack polyA tails; instead, they contain a palindromic termination element. This gene is located separately from the other H3 genes that are in the histone gene cluster on chromosome 6p22-p21.3.

## Recommended Dilutions

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

## Immunogen Information

<b>Gene ID</b>	<b>Swiss Prot</b>
8290	Q16695

### Immunogen

A specific peptide of human MonoMethyl-Histone H3-K18

### Synonyms

H3t; H3.4; H3/g; H3FT; H3C16; HIST3H3; MonoMethyl-Histone H3-K18

## Contact



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

## Product Information

<b>Source</b>	<b>Isotype</b>	<b>Purification</b>
Rabbit	IgG	Affinity purification

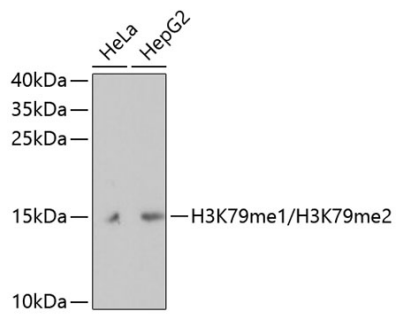
### Storage

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

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

## Validation Data

---



Western blot analysis of extracts of various cell lines, using MonoMethyl-Histone H3-K18 antibody (A10937).

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.