

**Product Name: DiMethyl-Histone H3 (Lys36) (1B4) Mouse Monoclonal Antibody**  
**Catalog #: AMM00885**

For research use only.

## Summary

<b>Description</b>	Mouse monoclonal Antibody
<b>Host</b>	Mouse
<b>Application</b>	WB
<b>Reactivity</b>	Human,Mouse,Rat
<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Methylated
<b>Isotype</b>	IgG1
<b>Clonality</b>	Monoclonal
<b>Form</b>	Liquid
<b>Concentration</b>	1mg/ml
<b>Storage</b>	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
<b>Shipping</b>	Ice bags
<b>Buffer</b>	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% sodium azide, pH 7.3.
<b>Purification</b>	Affinity Purification

## Application

<b>Dilution Ratio</b>	WB 1:500-1:1000
<b>Molecular Weight</b>	Calculated MW: 15 kDa; Observed MW: 15 kDa

## Antigen Information

<b>Gene Name</b>	H3C1
<b>Alternative Names</b>	H3K36me2; H3 histone; HIST1H3A; Histone cluster 1; H3a
<b>Gene ID</b>	8350
<b>SwissProt ID</b>	P68431
<b>Immunogen</b>	A synthetic Methylated peptide corresponding to residues target protein

## Background

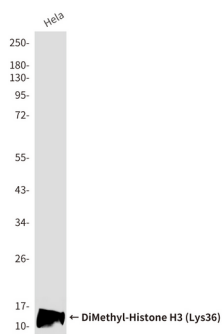
H3 Core component of nucleosome. Nucleosomes wrap and compact DNA into chromatin, limiting DNA accessibility to the cellular machineries which require DNA as a template. Histones thereby play a central role in transcription regulation, DNA

repair, DNA replication and chromosomal stability.

## Research Area

Epigenetics and Nuclear Signaling

## Image Data



Western blot analysis of DiMethyl-Histone H3 (Lys36) in HeLa lysates using DiMethyl-Histone H3 (Lys36) antibody.