

# Histone H3 (Di Methyl Lys9)Rabbit mAb (AR1895)

## Key Features

Host Species:	Rabbit
Reactivity:	Human,Mouse,Rat
Applications:	WB,IHC,IF,IP,ELISA,CHIP,Cut&Tag
Isotype:	IgG,Kappa
MW:	15kDa (Calculated) 17kDa (Observed)

## Recommended Dilution Ratios

IHC:	1:4000-20000
WB:	1:2000-10000
IF:	1:200-1000
ELISA:	1:5000-20000
IP:	1:50-200
CHIP:	1:50-100
Cut&Tag:	1:50-100

## Storage

-15°C to -25°C/1 year (Do not lower than -25°C)

## Basic Information

Clonality	Monoclonal
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## Immunogen Information

Specificity	The antibody detects endogenous Histone H3 (di methyl K9) protein.
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## Target Information

Gene name	HIST1H3A/HIST1H3B/HIST1H3C/HIST1H3D/HIST1H3E/HIST1H3F/ HIST1H3G/HIST1H3H/HIST1H3I/HIST1H3J/HIST2H3A/HIST2H3C/ HIST2H3D/H3F3A/H3F3B
Protein Name	Histone H3.1/Histone H3.2/Histone H3.3

Organism	Gene ID	UniProt ID
Human	8350; 8351; 8352; 8353; 8354; 8355; 8356; 8357; 8358;	P68431; Q71DI3; P84243

8968

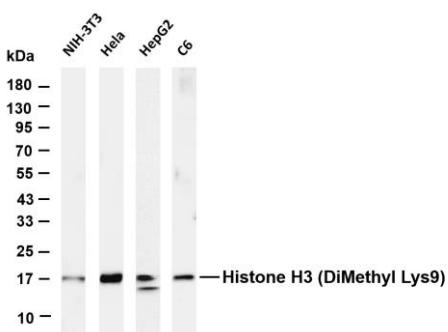
Mouse 319152; 15077;  
15078

Rat 291159; 100361558 P68433

Cellular Localization Nucleus. Chromosome.

Tissue specificity Blood, Epithelium, Kidney, Lung, Ovary, Spleen, Uterus

## Validation Data



Various whole cell lysates were separated by 4-20% SDS-PAGE, and the membrane was blotted with anti-Histone H3 (Di Methyl Lys9) antibody. The HRP-conjugated Goat anti-Rabbit IgG(H + L) antibody was used to detect the antibody.

Lane 1: NIH-3T3

Lane 2: HeLa

Lane 3: HepG2

Lane 4: C6

Predicted band size: 15kDa

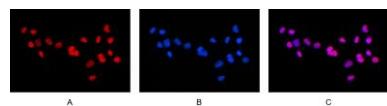
Observed band size: 17kDa

Immunofluorescence analysis of HEK293.

Picture A: Histone H3 (DiMethylLys9) antibody (red).

Picture B: DAPI (blue).

Picture C: Merge of A+B



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