

Histone H2A (Acetyl Lys9) Rabbit mAb (AR1883)

Key Features

Host Species:	Rabbit
Reactivity:	Human,Mouse,Rat
Applications:	WB,IHC,IF,IP,ELISA,CHIP,Cut&Tag
Isotype:	IgG,Kappa
MW:	14kDa (Calculated) 14kDa (Observed)

Recommended Dilution Ratios

IHC:	1:1000-4000
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	Histone H2A (Acetyl Lys9) Antibody detects endogenous levels of Histone H2A protein only when acetylated at Lys9. The name of modified sites may be influenced by many factors, such as species (the modified site was not originally found in human samples) and the change of protein sequence (the previous protein sequence is incomplete, and the protein sequence may be prolonged with the development of protein sequencing technology). When naming, we will use the "numbers" in historical reference to keep the sites consistent with the reports. The antibody binds to the following modification sequence (lowercase letters are modification sites):
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QGgKA

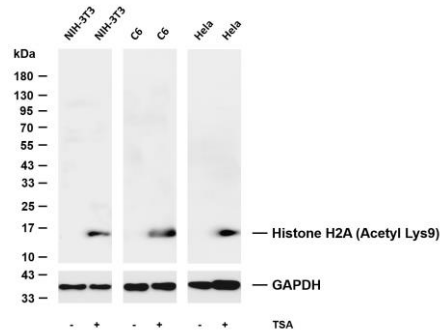
Target Information

Gene name HIST1H2AB
Protein Name Histone H2A type 1-B/E

Organism	Gene ID	UniProt ID
Human	8329; 8332; 8336;	P0C0S8; P04908; P20671; Q96KK5; Q6FI13; Q7L7L0
	8969; 3012; 8335;	
	3013; 85235; 723790;	
	8337; 92815	
Mouse	319164; 319168	
Rat		P02262

Cellular Localization Nucleus
Tissue specificity Bone, Brain, Colon, Eye, Lymph, PCR rescued clones, Placenta, Spleen

Validation Data



Various whole cell lysates were separated by 4-20% SDS-PAGE, and the membrane was blotted with anti-Histone H2A (Acetyl Lys9) antibody. The HRP-conjugated Goat anti-Rabbit IgG (H + L) antibody was used to detect the antibody.

Lane 1: NIH-3T3

Lane 2: NIH-3T3 was treated with TSA(400nM) for 18 hours

Lane 3: C6

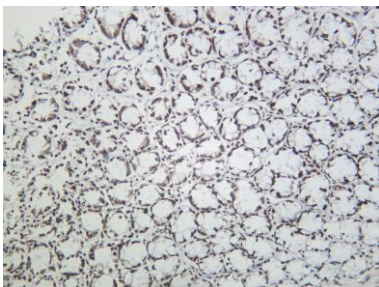
Lane 4: C6 was treated with TSA(500ng/ml)

Lane 5: HeLa

Lane 6: HeLa was treated with TSA(400nM) for 18 hours

Predicted band size: 14kDa

Observed band size: 14kDa



Rat colon was stained with anti-Histone H2A (Acetyl Lys9) Rabbit antibody.

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