

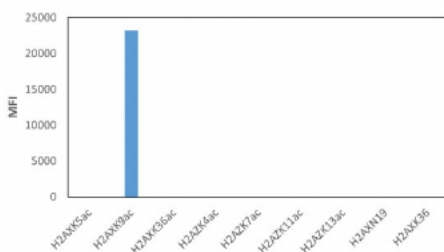
## Acetyl-Histone H2A.X Antibody / Lysine 9 / H2AXK9ac Antibody [clone RM446] (R20461)

Catalog No.	Formulation	Size
R20461-100UG	1 mg/ml in PBS with 50% glycerol, 1% BSA and 0.09% sodium azide	100 ug

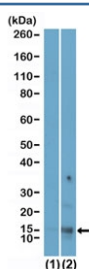
Recombinant **RABBIT MONOCLONAL**

[Bulk quote request](#)

<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Human
<b>Format</b>	Purified
<b>Host</b>	Rabbit
<b>Clonality</b>	Recombinant Rabbit Monoclonal
<b>Isotype</b>	Rabbit IgG
<b>Clone Name</b>	RM446
<b>Purity</b>	Protein A purified from animal origin-free supernatant
<b>UniProt</b>	P16104
<b>Applications</b>	Western Blot : 0.01ug/ml-0.1ug/ml
<b>Limitations</b>	This recombinant Acetyl-Histone H2A.X antibody is available for research use only.



This Acetyl-Histone H2A.X Antibody / Lysine 9 / H2AXK9ac Antibody specifically reacts to Histone H2AX acetylated at Lysine 9 (K9ac). No limited cross reactivity with acetylated Lysine 5 (K5ac), Lysine 36 (K36ac) in Histone H2AX, Lysine 4 (K4ac), Lysine 7 (K7ac), Lysine 11 (K11ac), Lysine 13 (K13ac) in Histone H2AZ, or non-modified Asparagine 19 (N19), Lysine 36 (K36) in Histone H2AX.



Western blot testing of (1) H2A recombinant protein and (2) acid extracts of human HeLa cell lysate using Acetyl-Histone H2A.X Antibody / Lysine 9 / H2AXK9ac Antibody at 0.01 ug/ml.

## Description

This Acetyl-Histone H2A.X Antibody / Lysine 9 / H2AXK9ac Antibody reacts to Histone H2A.X acetylated at Lysine 9 (K9ac). No cross reactivity with non-modified Lysine 9 or other acetylated Lysines in histone H2A. Included within the [Histone H2A antibodies](#) collection, this antibody enables analysis of histone modification patterns and chromatin regulatory mechanisms involving H2A and its variants.

## Application Notes

The stated application concentrations are suggested starting points. Titration of the Acetyl-Histone H2A.X Antibody / Lysine 9 / H2AXK9ac Antibody may be required due to differences in protocols and secondary/substrate sensitivity.

## Immunogen

A peptide corresponding to acetyl-Histone H2A.X (Lys9) was used as the immunogen for the Acetyl-Histone H2A.X Antibody / Lysine 9 / H2AXK9ac Antibody.

## Storage

Store the recombinant Acetyl-Histone H2A.X antibody at -20oC.