

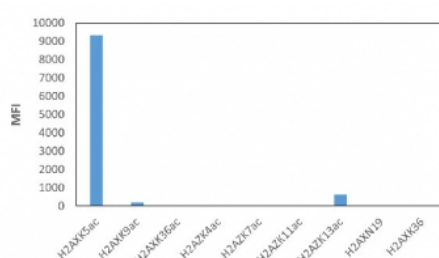
Acetyl-Histone H2A.X Antibody / Lys5 / H2AXK5ac [clone RM445] (R20460)

Catalog No.	Formulation	Size
R20460-100UG	1 mg/ml in PBS with 50% glycerol, 1% BSA and 0.09% sodium azide	100 ug

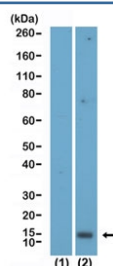
Recombinant **RABBIT MONOCLONAL**

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Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Clonality	Recombinant Rabbit Monoclonal
Isotype	Rabbit IgG
Clone Name	RM445
Purity	Protein A purified from animal origin-free supernatant
UniProt	P16104
Applications	Western Blot : 0.04ug/ml-0.2ug/ml
Limitations	This recombinant Acetyl-Histone H2A.X antibody is available for research use only.



This recombinant Acetyl-Histone H2A.X antibody specifically reacts to Histone H2AX acetylated at Lysine 5 (K5ac). No or limited cross reactivity with acetylated Lysine 9 (K9ac), 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 recombinant Acetyl-Histone H2A.X antibody at 0.04 ug/ml.

Description

This antibody reacts to Histone H2A.X acetylated at Lysine 5 (K5ac). No cross reactivity with non-modified Lysine 5 or other acetylated Lysines in histone H2A.

Application Notes

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

Immunogen

A peptide corresponding to acetyl-Histone H2A.X (Lys5) was used as the immunogen for the Acetyl-Histone H2A.X antibody.

Storage

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