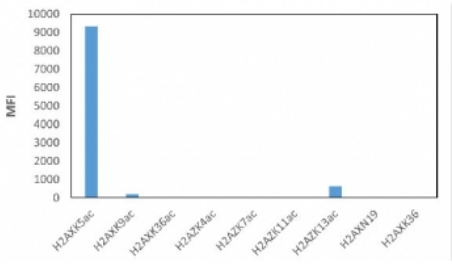
Acetyl-Histone H2A.X Antibody / Lys5 / H2AXK5ac Antibody [clone RM445] (R20460)

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

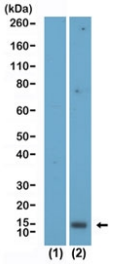
Recombinant RABBIT MONOCLONAL

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Host	Rabbit
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 Acetyl-Histone H2A.X Antibody / Lys5 / H2AXK5ac 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 Acetyl-Histone H2A.X Antibody / Lys5 / H2AXK5ac Antibody at 0.04 ug/ml.

Description

This Acetyl-Histone H2A.X Antibody / Lys5 / H2AXK5ac 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. 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 / Lys5 / H2AXK5ac 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 / Lys5 / H2AXK5ac Antibody.

Storage

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

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