

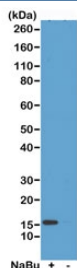
## Recombinant H2A.ZK7ac Antibody [clone RM222] (R20240)

Catalog No.	Formulation	Size
R20240-100UG	1 mg/ml in PBS with 50% glycerol, 1% BSA and 0.09% sodium azide	100 ug
R20240-25UG	1 mg/ml in PBS with 50% glycerol, 1% BSA and 0.09% sodium azide	25 ug

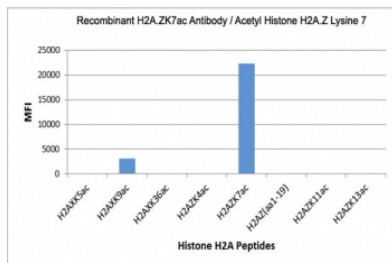
Recombinant **RABBIT MONOCLONAL**

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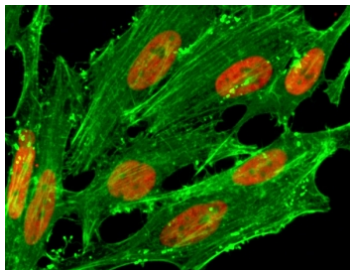
<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	All Species
<b>Format</b>	Purified
<b>Host</b>	Rabbit
<b>Clonality</b>	Recombinant Rabbit Monoclonal
<b>Isotype</b>	Rabbit IgG
<b>Clone Name</b>	RM222
<b>Purity</b>	Protein A purified from animal origin-free supernatant
<b>UniProt</b>	P0C0S5
<b>Gene ID</b>	3015
<b>Applications</b>	Western Blot : 0.5-2ug/ml ELISA : 0.2-1ug/ml Immunocytochemistry : 1-2ug/ml
<b>Limitations</b>	This recombinant H2A.ZK7ac antibody is available for research use only.



Western blot test of acid extracts from HeLa cells treated (+) or untreated (-) with sodium butyrate, using recombinant H2A.ZK7ac antibody at 0.5 ug/ml, showed a band of Histone H2A.Z acetylated at Lysine 7 in treated HeLa cells.



This recombinant H2A.ZK7ac antibody specifically reacts to Histone H2A.Z acetylated at Lysine 7 (K7ac). No cross reactivity with non-modified Lysine 7 or other acetylated Lysines in Histone H2A.



ICC/IF staining of HeLa cells treated with sodium butyrate using recombinant H2A.ZK7ac antibody (red). Actin filaments have been labeled with fluorescein phalloidin (green).

## Description

This recombinant H2A.ZK7ac antibody reacts to Histone H2A.Z acetylated at Lysine 7 (K7ac). No cross reactivity with non-modified Lysine 7 or other acetylated Lysines in histone H2A.

## Application Notes

The stated application concentrations are suggested starting points. Titration of the recombinant H2A.ZK7ac antibody may be required due to differences in protocols and secondary/substrate sensitivity.

## Immunogen

An acetyl-peptide corresponding to Acetyl-Histone H2A.Z (Lys7) was used as the immunogen for this recombinant H2A.ZK7ac antibody.

## Storage

Store the recombinant H2A.ZK7ac antibody at -20oC (with glycerol) or aliquot and store at -20oC (without glycerol).