

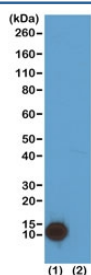
## Recombinant H4K5ac Antibody [clone RM199] (R20224)

Catalog No.	Formulation	Size
R20224-100UG	1 mg/ml in PBS with 50% glycerol, 1% BSA and 0.09% sodium azide	100 ug
R20224-25UG	1 mg/ml in PBS with 50% glycerol, 1% BSA and 0.09% sodium azide	25 ug

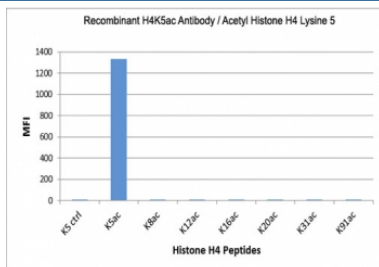
Recombinant **RABBIT MONOCLONAL**

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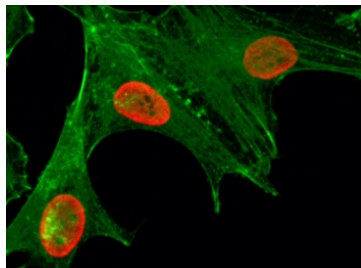
Availability	1-3 business days
Species Reactivity	All Species
Format	Purified
Clonality	Recombinant Rabbit Monoclonal
Isotype	Rabbit IgG
Clone Name	RM199
Purity	Protein A purified from animal origin-free supernatant
UniProt	P62805
Gene ID	121504
Applications	Western Blot : 0.2-1ug/ml ELISA : 0.2-1ug/ml Immunocytochemistry : 0.5-2ug/ml
Limitations	This recombinant H4K5ac antibody is available for research use only.



Western blot test of (1) acid extracts of HeLa cells and (2) recombinant Histone H4 recombinant H4K5ac antibody at 0.2 ug/ml showed a band of Histone H4 acetylated at Lysine 5 in HeLa cells.



The recombinant H4K5ac antibody specifically reacts to Histone H4 acetylated at Lysine 5 (K5ac). No cross reactivity with unmodified Lysine 5 or other acetylated Lysines.



ICC/IF staining of HeLa cells treated with sodium butyrate using recombinant H4K5ac antibody (red). Actin filaments have been labeled with fluorescein phalloidin (green).

## Description

This recombinant H4K5ac antibody reacts to Histone H4 acetylated at Lysine 5 (K5ac). No cross reactivity with other acetylated Lysines in Histone H4.

## Application Notes

The stated application concentrations are suggested starting points. Titration of the recombinant H4K5ac antibody may be required due to differences in protocols and secondary/substrate sensitivity.

## Immunogen

An acetyl-peptide corresponding to Acetyl-Histone H4 (Lys5) was used as the immunogen for this recombinant H4K5ac antibody.

## Storage

Store the recombinant H4K5ac antibody at -20oC (with glycerol) or aliquot and store at -20oC (without glycerol).