

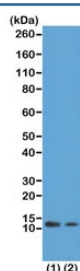
Recombinant H4K12ac Antibody [clone RM202] (R20230)

Catalog No.	Formulation	Size
R20230-100UG	1 mg/ml in PBS with 50% glycerol, 1% BSA and 0.09% sodium azide	100 ug
R20230-25UG	1 mg/ml in PBS with 50% glycerol, 1% BSA and 0.09% sodium azide	25 ug

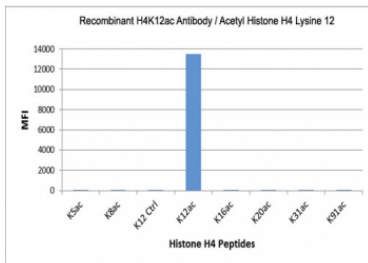
Recombinant **RABBIT MONOCLONAL**

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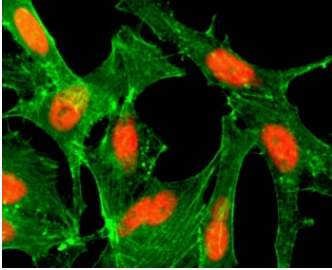
Availability	1-3 business days
Species Reactivity	All Species
Format	Purified
Host	Rabbit
Clonality	Recombinant Rabbit Monoclonal
Isotype	Rabbit IgG
Clone Name	RM202
Purity	Protein A purified from animal origin-free supernatant
UniProt	P62805
Gene ID	121504
Applications	Western Blot : 0.5-2ug/ml ELISA : 0.5-1ug/ml Immunocytochemistry : 0.5-2ug/ml
Limitations	This recombinant H4K12ac antibody is available for research use only.



Western blot test of acid extracts from (1) HeLa cells treated with sodium butyrate and (2) HeLa cells untreated, using recombinant H4K12ac antibody at 0.5 ug/ml, showed a band of Histone H4 acetylated at Lysine 12 in HeLa cells.



This recombinant H4K12ac antibody specifically reacts to Histone H4 acetylated at Lysine 12 (K12ac). No cross reactivity with unmodified Lysine 16 (K16 ctrl) or acetylated Lysines in Histone H4.



ICC/IF staining of HeLa cells treated with sodium butyrate using recombinant H4K12ac antibody (red). Actin filaments have been labeled with fluorescein phalloidin (green).

Description

This recombinant H4K12ac antibody reacts to Histone H4 acetylated at Lysine 12 (K12ac). No cross reactivity with other acetylated Lysines in Histone H4.

Application Notes

The stated application concentrations are suggested starting points. Titration of the recombinant H4K12ac antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

An acetyl-peptide corresponding to Acetyl-Histone H4 (Lys12) was used as the immunogen for this recombinant H4K12ac antibody.

Storage

Store the recombinant H4K12ac antibody at -20oC (with glycerol) or aliquot and store at -20oC (without glycerol).