

Product Datasheet

Histone H4 [ac Lys12] Antibody (RM202) NBP2-61554

Unit Size: 100 ug

Store at -20C. Avoid freeze-thaw cycles.

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NBP2-61554

Histone H4 [ac Lys12] Antibody (RM202)

Product Information	
Unit Size	100 ug
Concentration	1 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	RM202
Preservative	0.09% Sodium Azide
Isotype	IgG
Purity	Protein A purified
Buffer	50% Glycerol/PBS, 1% BSA

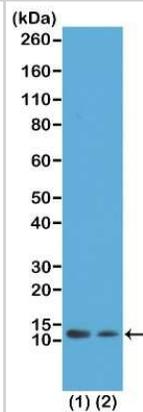
Product Description	
Host	Rabbit
Gene ID	121504
Gene Symbol	H4C16
Species	Human, Vertebrate
Specificity/Sensitivity	This antibody reacts to Histone H4 acetylated at Lysine 12. No cross reactivity with other acetylated Lysines in Histone H4.
Immunogen	An acetyl-peptide corresponding to Histone H4 [ac Lys12]

Product Application Details	
Applications	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence, Chromatin Immunoprecipitation (ChIP), Multiplex Immunoassay
Recommended Dilutions	Western Blot 0.5 ug/ml - 2 ug/ml, ELISA 0.5 ug/mL - 1 ug/mL, Immunocytochemistry/ Immunofluorescence 0.5 ug/ml - 2 ug/ml, Chromatin Immunoprecipitation (ChIP) 1ug-5 ug, Multiplex Immunoassay 0.5 ug/ml - 2 ug/ml

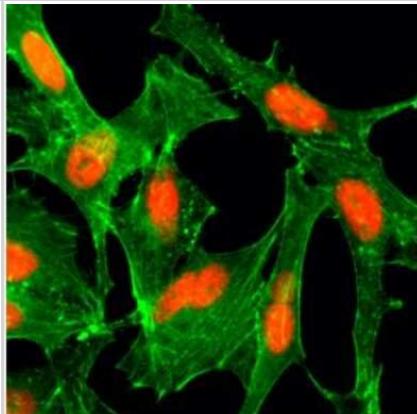


Images

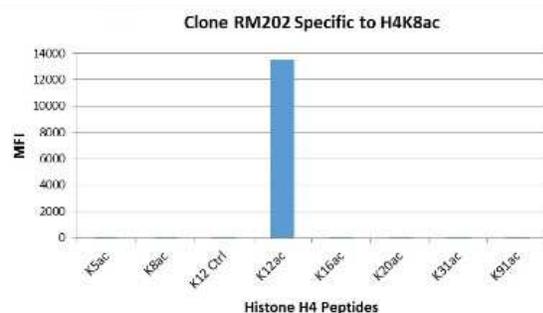
Western Blot: Histone H4 [ac Lys12] Antibody (RM202) [NBP2-61554] - Western Blot of acid extracts from: (1) HeLa cells treated with sodium butyrate; (2) HeLa cells untreated. Using NBP2-61554, showed a band of Histone H4 acetylated at Lysine 12 in HeLa cells.



Immunocytochemistry/Immunofluorescence: Histone H4 [ac Lys12] Antibody (RM202) [NBP2-61554] - Immunocytochemistry of HeLa cells treated with sodium butyrate, using NBP2-61554 (red). Actin filaments have been labeled with fluorescein phalloidin (green).



Multiplex Immunoassay: Histone H4 [ac Lys12] Antibody (RM202) [NBP2-61554] - NBP2-61554 specifically reacts to Histone H4 acetylated at Lysine 12 (K12ac). No cross reactivity with unmodified Lysine 12 (K126 ctrl), acetylated Lysine 5 (K5ac), Lysine 8 (K8ac), Lysine 16 (K16ac), Lysine 20 (K20ac), Lysine 31 (K31ac), or Lysine 91 (K91) in Histone H4.





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Products Related to NBP2-61554

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NB21-2089PEP	Histone H4 [Dimethyl Lys20] Antibody Blocking Peptide

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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