

Product Datasheet

Histone H3 [ac Lys56] Antibody (RM179) NBP2-61537

Unit Size: 100 ug

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

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NBP2-61537

Histone H3 [ac Lys56] Antibody (RM179)

Product Information	
Unit Size	100 ug
Concentration	1 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	RM179
Preservative	0.09% Sodium Azide
Isotype	IgG
Purity	Protein A purified
Buffer	50% Glycerol/PBS, 1% BSA
Target Molecular Weight	15 kDa

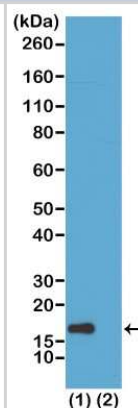
Product Description	
Description	Novus Biologicals Rabbit Histone H3 [ac Lys56] Antibody (RM179) (NBP2-61537) is a recombinant monoclonal antibody validated for use in Multiplex Immunofluorescence, IHC, WB, ELISA and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	126961
Gene Symbol	H3C14
Species	Human, Vertebrate
Specificity/Sensitivity	This Histone H3 [ac Lys56] antibody (RM179) reacts to Histone H3 acetylated at Lysine 56. No cross reactivity with other acetylated Lysines in Histone H3.
Immunogen	This Histone H3 [ac Lys56] antibody (RM179) was raised against an acetyl-peptide corresponding to the Histone H3 [ac Leu56]

Product Application Details	
Applications	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Multiplex Immunofluorescence
Recommended Dilutions	Western Blot 1 ug/ml-2 ug/ml, ELISA 0.5 ug/mL- 1 ug/mL, Immunohistochemistry 1 ug/mL - 10 ug/mL, Immunocytochemistry/ Immunofluorescence 0.5 ug/ml - 2 ug/ml, Multiplex Immunofluorescence

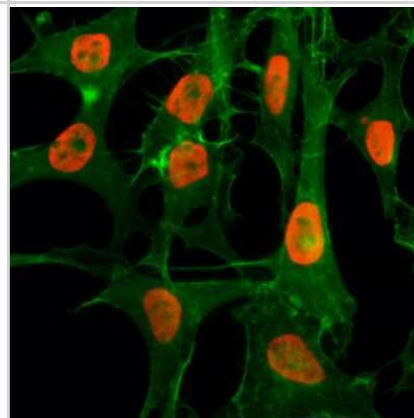


Images

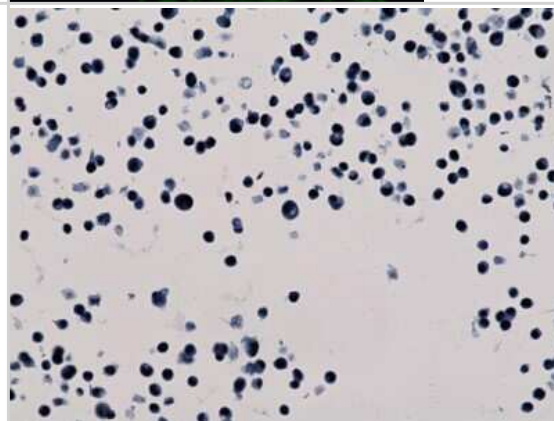
Western Blot: Histone H3 [ac Lys56] Antibody (RM179) [NBP2-61537] - Western Blot of (1) acid extracts of HeLa cells treated with sodium butyrate and (2) recombinant Histone H3.3, using NBP2-61537, showed a band of Histone H3 acetylated at Lysine 56 in treated HeLa. Observed molecular weight is ~16 kDa.



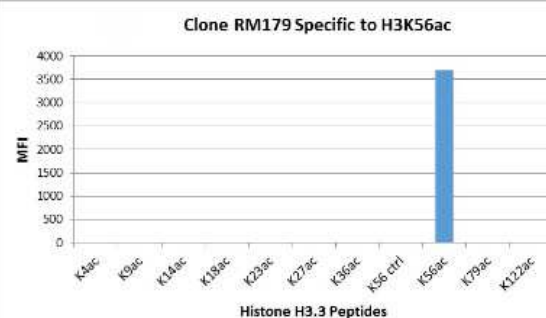
Immunocytochemistry/Immunofluorescence: Histone H3 [ac Lys56] Antibody (RM179) [NBP2-61537] - Immunocytochemistry of HeLa cells treated with sodium butyrate, using Acetyl-Histone H3 (Lys56) Rabbit mAb NBP2-61537 (red). Actin filaments have been labeled with fluorescein phalloidin (green).



Immunohistochemistry: Histone H3 [ac Lys56] Antibody (RM179) [NBP2-61537] - Immunohistochemistry staining of HepG2 cells using NBP2-61537.



Multiplex Immunoassay: Histone H3 [ac Lys56] Antibody (RM179) [NBP2-61537] - NBP2-61537 specifically reacts to Histone H3 acetylated at Lysine 56 (K56ac). No cross reactivity with unmodified Lysine 56 (K56 ctrl), acetylated Lysine 4 (K4ac), Lysine 9 (K9ac), Lysine 14 (K14ac), Lysine 18 (K18ac), Lysine 23 (K23ac), Lysine 27 (K27ac), Lysine 36 (K36ac), lysine 79 (K79ac), or Lysine 122 (K122) in histone H3.





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Products Related to NBP2-61537

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NB21-1253PEP	Histone H3 [Trimethyl Lys36] 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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