

Product Datasheet

Histone H4 [ac Lys5] Antibody (10G1L0) NBP3-33198-100ul

Unit Size: 100 ul

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

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NBP3-33198-100ul

Histone H4 [ac Lys5] Antibody (10G1L0)

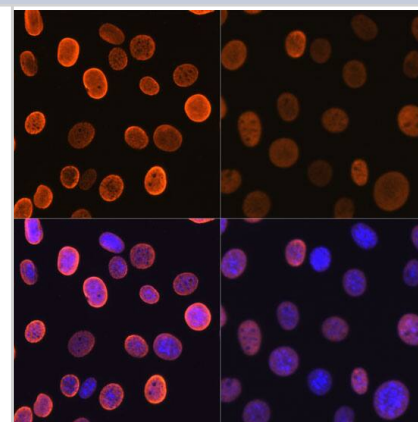
Product Information	
Unit Size	100 ul
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	10G1L0
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Affinity purified
Buffer	PBS (pH 7.3), 50% glycerol, 0.05% BSA
Target Molecular Weight	11 kDa

Product Description	
Description	Novus Biologicals Rabbit Histone H4 [ac Lys5] Antibody (10G1L0) (NBP3-33198) is a monoclonal antibody validated for use in IHC, WB, ELISA and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	121504
Gene Symbol	H4C1
Species	Human, Mouse, Rat
Immunogen	A synthetic acetylated peptide around K5 of human H4 Clustered Histone 1 (P62805). Sequence: MSGRGKGGKGLGKGGAKRHRKVLDRDNIQGITKPAIRRLARRGGVVKRISGLIYE ETRGVLKVFLENVIRDAVTYTEHAKRKTVTAMDVVYALKRQGRTLYG

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Dot Blot, ELISA, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 1:500 - 1:1000, ELISA Recommended starting concentration is 1 ug/mL, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence 1:50 - 1:200, Immunohistochemistry-Paraffin 1:50 - 1:200, Dot Blot 1:500 - 1:1000

Images

Immunocytochemistry/ Immunofluorescence: Histone H4 [ac Lys5] Antibody (10G1L0) [NBP3-33198] - Immunofluorescence analysis of NIH-3T3 cells using Histone H4 Rabbit mAb. NIH-3T3 cells were treated by TSA (1 uM) at 37C for 18 hours(left). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) at 1:500 dilution. Blue: DAPI for nuclear staining.



Western Blot: Histone H4 [ac Lys5] Antibody (10G1L0) [NBP3-33198] - Western blot analysis of various lysates using Histone H4 Rabbit mAb at 1:1000 dilution. HeLa cells and NIH/3T3 cells and C6 cells were treated by TSA (1 μ M) at 37C for 18 hours.

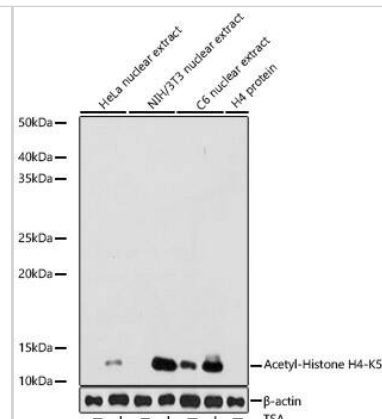
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) at 1:10000 dilution.

Lysates/proteins: 25ug per lane.

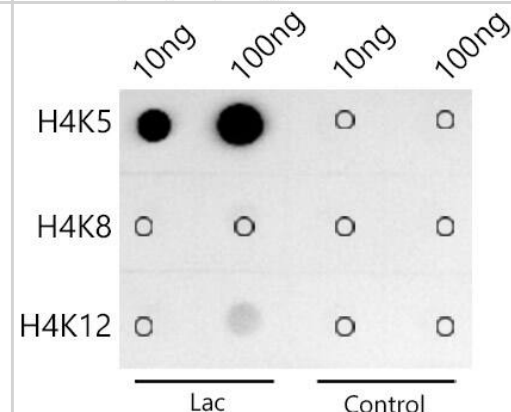
Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit.

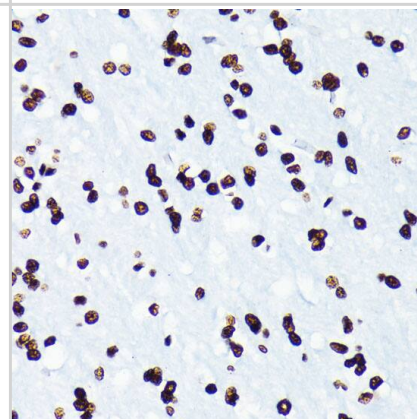
Exposure time: 10s.



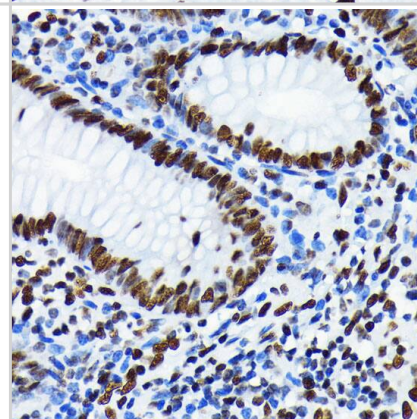
Dot Blot: Histone H4 [ac Lys5] Antibody (10G1L0) [NBP3-33198] - Dot-blot analysis of all sorts of peptides using Histone H4 antibody at 1:1000 dilution.



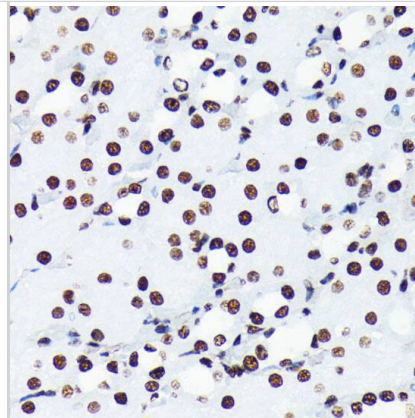
Immunohistochemistry: Histone H4 [ac Lys5] Antibody (10G1L0) [NBP3-33198] - Immunohistochemistry analysis of paraffin-embedded Rat brain using Histone H4 Rabbit mAb at dilution of 1:100 (40x lens). Microwave antigen retrieval performed with 0.01M PBS Buffer (pH 7.2) prior to IHC staining.



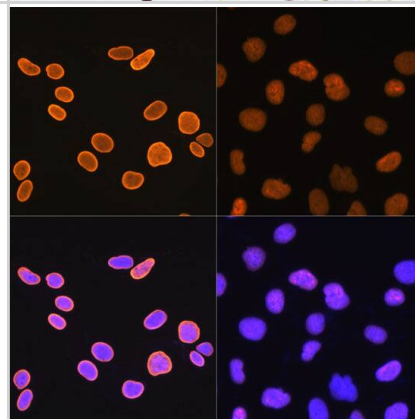
Immunohistochemistry: Histone H4 [ac Lys5] Antibody (10G1L0) [NBP3-33198] - Immunohistochemistry analysis of paraffin-embedded Human appendix using Histone H4 Rabbit mAb at dilution of 1:100 (40x lens). Microwave antigen retrieval performed with 0.01M PBS Buffer (pH 7.2) prior to IHC staining.



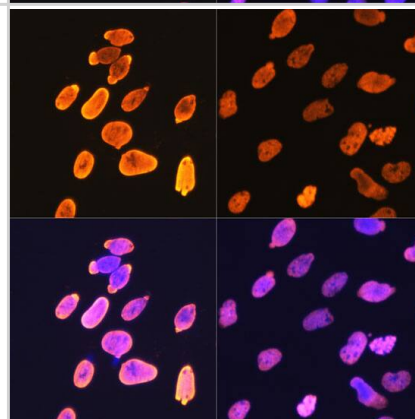
Immunohistochemistry: Histone H4 [ac Lys5] Antibody (10G1L0) [NBP3-33198] - Immunohistochemistry analysis of paraffin-embedded Mouse kidney using Histone H4 Rabbit mAb at dilution of 1:100 (40x lens). Microwave antigen retrieval performed with 0.01M PBS Buffer (pH 7.2) prior to IHC staining.



Immunocytochemistry/ Immunofluorescence: Histone H4 [ac Lys5] Antibody (10G1L0) [NBP3-33198] - Immunofluorescence analysis of U-2 OS cells using Histone H4 Rabbit mAb. U-2 OS cells were treated by TSA (1 μ M) at 37C for 18 hours (left). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) at 1:500 dilution. Blue: DAPI for nuclear staining.



Immunocytochemistry/ Immunofluorescence: Histone H4 [ac Lys5] Antibody (10G1L0) [NBP3-33198] - Immunofluorescence analysis of C6 cells using Histone H4 Rabbit mAb. C6 cells were treated by TSA (1 μ M) at 37C for 18 hours (left). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) at 1:500 dilution. Blue: DAPI for nuclear staining.





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Products Related to NBP3-33198-100ul

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NB21-2011PEP	Histone H4 [Monomethyl Arg3] 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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