

Product Datasheet

Histone H3.3 Antibody (5C5B8) NBP3-16489-100ul

Unit Size: 100 ul

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

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NBP3-16489-100ul

Histone H3.3 Antibody (5C5B8)

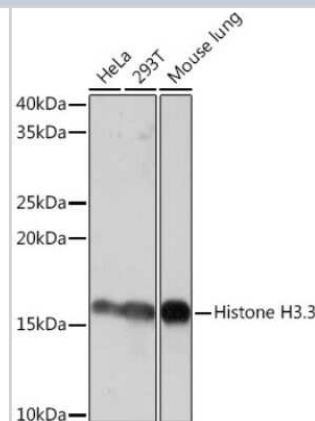
Product Information	
Unit Size	100 ul
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	5C5B8
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Affinity purified
Buffer	PBS (pH 7.3), 50% glycerol, 0.05% BSA
Target Molecular Weight	15 kDa

Product Description	
Description	Novus Biologicals Rabbit Histone H3.3 Antibody (5C5B8) (NBP3-16489) is a recombinant monoclonal antibody validated for use in IHC, WB, ELISA and ChIP. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	3020
Gene Symbol	H3-3A
Species	Human, Mouse, Rat
Reactivity Notes	Wide Range Predicted
Immunogen	A synthetic peptide corresponding to a sequence within amino acids 57-136 of human Histone H3.3 (P84243). KSTELLIRKLPFQRLVREIAQDFKTDLRFQSAAGALQEASEAYLVGLFEDTNLC AIHAKRVTIMPKDIQLARRIRGERA

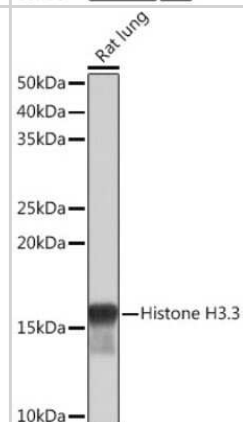
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, ELISA, Immunohistochemistry, Chromatin Immunoprecipitation (ChIP), Chromatin Immunoprecipitation Sequencing
Recommended Dilutions	Western Blot 1:1000 - 1:6000, ELISA Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements., Immunohistochemistry 1:200 - 1:2000, Immunohistochemistry-Paraffin 1:200 - 1:2000, Chromatin Immunoprecipitation (ChIP) 2µg antibody for 5µg-10µg of Chromatin, Chromatin Immunoprecipitation Sequencing 1:50 - 1:200

Images

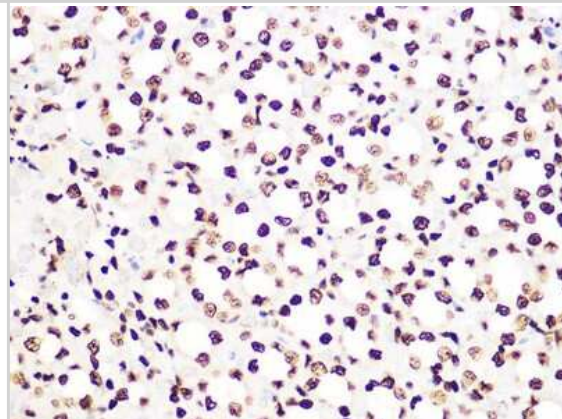
Western Blot: Histone H3.3 Antibody (5C5B8) [NBP3-16489] - Western blot analysis of extracts of various cell lines, using Histone H3.3 Rabbit mAb (NBP3-16489) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 10s.



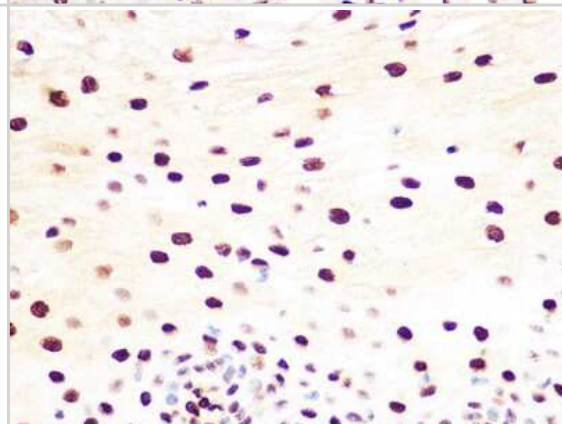
Western Blot: Histone H3.3 Antibody (5C5B8) [NBP3-16489] - Western blot analysis of extracts of Rat lung, using Histone H3.3 Rabbit mAb (NBP3-16489) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 1s.



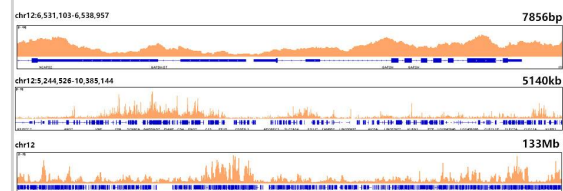
Immunohistochemistry-Paraffin: Histone H3.3 Antibody (5C5B8) [NBP3-16489] - Immunohistochemistry of paraffin-embedded rat kidney using Histone H3.3 Rabbit mAb (NBP3-16489) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.



Immunohistochemistry-Paraffin: Histone H3.3 Antibody (5C5B8) [NBP3-16489] - Immunohistochemistry of paraffin-embedded human esophageal tissue using Histone H3.3 Rabbit mAb (NBP3-16489) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.



Chromatin Immunoprecipitation: Histone H3.3 Antibody (5C5B8) [Histone H3.3] - Chromatin immunoprecipitations were performed with cross-linked chromatin from HeLa cells and Histone H3.3 Rabbit mAb . The ChIP sequencing results indicate the enrichment pattern of Histone H3.3 in selected genomic region and representative gene loci (GAPDH), as shown in figure.





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Products Related to NBP3-16489-100ul

NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

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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