

Product Datasheet

Histone H2AY/macroH2A.1 Antibody (4D204) NBP3-16743-100ul

Unit Size: 100 ul

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

www.novusbio.com



technical@novusbio.com

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:
www.novusbio.com/NBP3-16743

Updated 9/9/2025 v.20.1

Earn rewards for product
reviews and publications.

Submit a publication at www.novusbio.com/publications

Submit a review at www.novusbio.com/reviews/destination/NBP3-16743



NBP3-16743-100ul

Histone H2AY/macroH2A.1 Antibody (4D2O4)

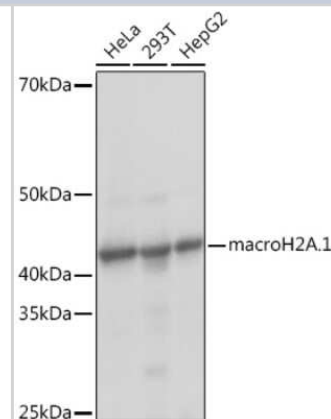
Product Information	
Unit Size	100 ul
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	4D2O4
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Affinity purified
Buffer	PBS (pH 7.3), 50% glycerol, 0.05% BSA

Product Description	
Description	Novus Biologicals Rabbit Histone H2AY/macroH2A.1 Antibody (4D2O4) (NBP3-16743) is a recombinant monoclonal antibody validated for use in IHC, WB and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	9555
Gene Symbol	MACROH2A1
Species	Human, Mouse, Rat
Immunogen	A synthetic peptide corresponding to a sequence within amino acids 200-300 of human Histone H2AY/macroH2A.1 (O75367). IHSEISNLAGFEVEAIINPTNADIDLKDDLGNLTLEKKGGKEFVEAVLELRKKNGLPEVAGAAVSAGHGLPAKFVIHCNSPVWGADKCEELLEKTVPNCLAL

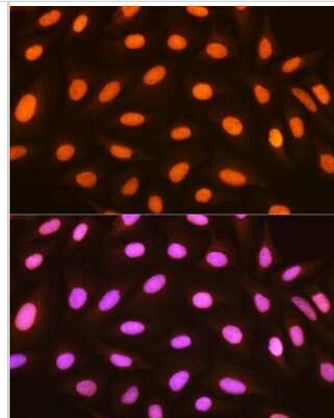
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 1:500 - 1:2000, Immunohistochemistry 1:50 - 1:200, Immunocytochemistry/ Immunofluorescence 1:50 - 1:200, Immunohistochemistry-Paraffin

Images

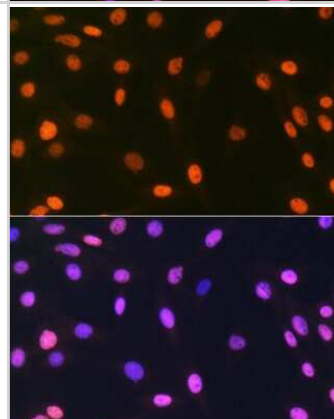
Western Blot: Histone H2AY/macroH2A.1 Antibody (4D2O4) [NBP3-16743] - Western blot analysis of extracts of various cell lines, using Histone H2AY/macroH2A.1 Rabbit mAb (NBP3-16743) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 1s.



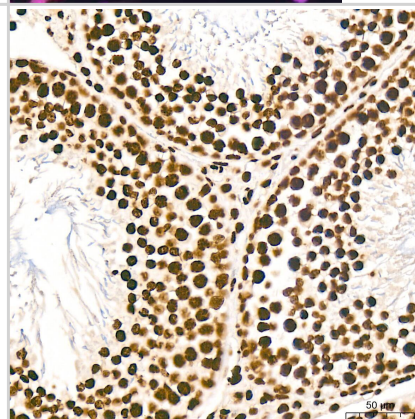
Immunocytochemistry/Immunofluorescence: Histone H2AY/macroH2A.1 Antibody (4D2O4) [NBP3-16743] - Immunofluorescence analysis of U-2 OS cells using Histone H2AY/macroH2A.1 Rabbit mAb (NBP3-16743) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



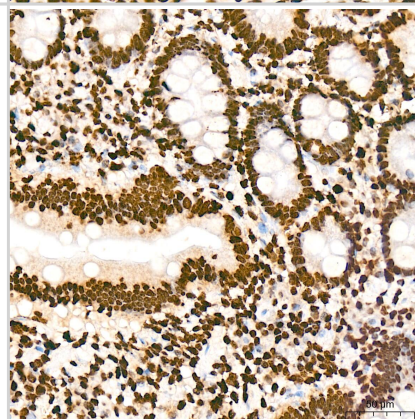
Immunocytochemistry/Immunofluorescence: Histone H2AY/macroH2A.1 Antibody (4D2O4) [NBP3-16743] - Immunofluorescence analysis of C6 cells using Histone H2AY/macroH2A.1 Rabbit mAb (NBP3-16743) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



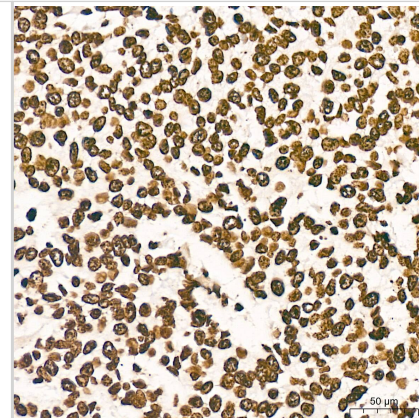
Immunohistochemistry: Histone H2AY/macroH2A.1 Antibody (4D2O4) [NBP3-16743] - Immunohistochemistry analysis of Histone H2AY/macroH2A.1 in paraffin-embedded rat testis tissue using Histone H2AY/macroH2A.1 Rabbit mAb at a dilution of 1:200 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.



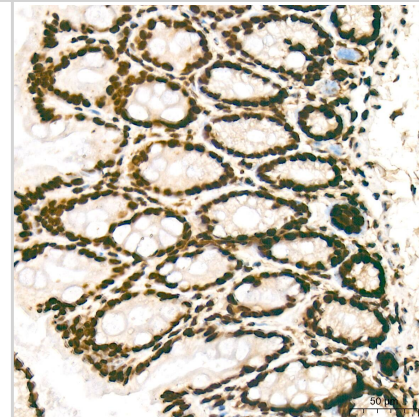
Immunohistochemistry: Histone H2AY/macroH2A.1 Antibody (4D2O4) [NBP3-16743] - Immunohistochemistry analysis of Histone H2AY/macroH2A.1 in paraffin-embedded human colon tissue using Histone H2AY/macroH2A.1 Rabbit mAb at a dilution of 1:200 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.



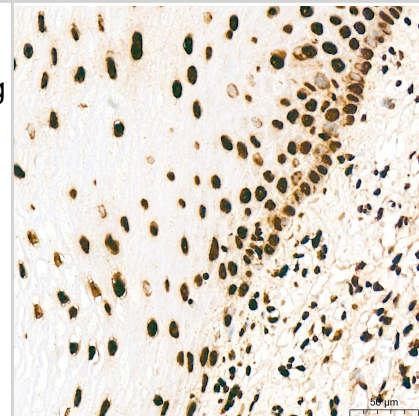
Immunohistochemistry: Histone H2AY/macroH2A.1 Antibody (4D2O4) [NBP3-16743] - Immunohistochemistry analysis of Histone H2AY/macroH2A.1 in paraffin-embedded human breast cancer tissue using Histone H2AY/macroH2A.1 Rabbit mAb at a dilution of 1:200 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.



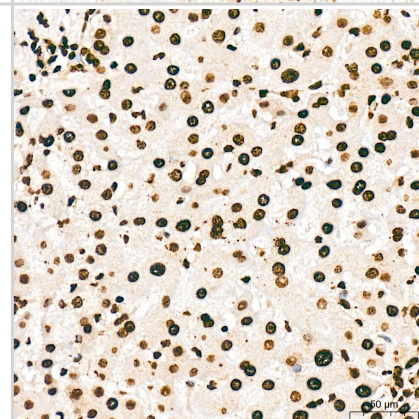
Immunohistochemistry: Histone H2AY/macroH2A.1 Antibody (4D2O4) [NBP3-16743] - Immunohistochemistry analysis of Histone H2AY/macroH2A.1 in paraffin-embedded mouse colon tissue using Histone H2AY/macroH2A.1 Rabbit mAb at a dilution of 1:200 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.



Immunohistochemistry: Histone H2AY/macroH2A.1 Antibody (4D2O4) [NBP3-16743] - Immunohistochemistry analysis of Histone H2AY/macroH2A.1 in paraffin-embedded human esophagus tissue using Histone H2AY/macroH2A.1 Rabbit mAb at a dilution of 1:200 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.



Immunohistochemistry: Histone H2AY/macroH2A.1 Antibody (4D2O4) [NBP3-16743] - Immunohistochemistry analysis of Histone H2AY/macroH2A.1 in paraffin-embedded human liver tissue using Histone H2AY/macroH2A.1 Rabbit mAb at a dilution of 1:200 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.





Novus Biologicals USA

10730 E. Briarwood Avenue
Centennial, CO 80112
USA
Phone: 303.730.1950
Toll Free: 1.888.506.6887
Fax: 303.730.1966
nb-customerservice@bio-techne.com

Bio-Techne Canada

21 Canmotor Ave
Toronto, ON M8Z 4E6
Canada
Phone: 905.827.6400
Toll Free: 855.668.8722
Fax: 905.827.6402
canada.inquires@bio-techne.com

Bio-Techne Ltd

19 Barton Lane
Abingdon Science Park
Abingdon, OX14 3NB, United Kingdom
Phone: (44) (0) 1235 529449
Free Phone: 0800 37 34 15
Fax: (44) (0) 1235 533420
info.EMEA@bio-techne.com

General Contact Information

www.novusbio.com
Technical Support: nb-technical@bio-techne.com
Orders: nb-customerservice@bio-techne.com
General: novus@novusbio.com

Products Related to NBP3-16743-100ul

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBP2-56819PEP	Histone H2AY/macroH2A.1 Recombinant Protein Antigen

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.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

Earn gift cards/discounts by submitting a review: www.novusbio.com/reviews/submit/NBP3-16743

Earn gift cards/discounts by submitting a publication using this product:
www.novusbio.com/publications

