

Product Datasheet

Histone H1.2 Antibody (JU43-48) NBP2-75932

Unit Size: 100 ul

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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NBP2-75932

Histone H1.2 Antibody (JU43-48)

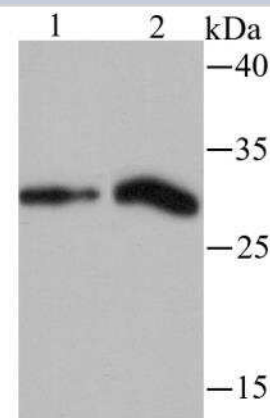
Product Information	
Unit Size	100 ul
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	JU43-48
Preservative	0.05% Sodium Azide
Isotype	IgG
Purity	Protein A purified
Buffer	TBS (pH7.4), 0.05% BSA, 40% Glycerol
Target Molecular Weight	21 kDa

Product Description	
Description	Novus Biologicals Rabbit Histone H1.2 Antibody (JU43-48) (NBP2-75932) is a recombinant monoclonal antibody validated for use in IHC, WB, ICC/IF and ChIP. Anti-Histone H1.2 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	3006
Gene Symbol	H1-2
Species	Human, Mouse, Rat
Immunogen	Synthetic peptide within Human Histone H1.2 aa 1-50 / 213. (SwissProt: P16403 Human; SwissProt: P15864 Mouse; SwissProt: P15865 Rat)

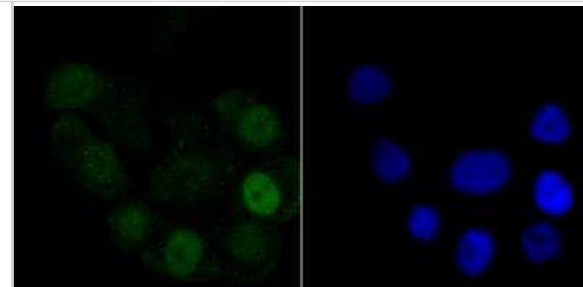
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Chromatin Immunoprecipitation, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 1:500-1:2000, Chromatin Immunoprecipitation 1:10-1:500, Immunohistochemistry 1:10 - 1:500, Immunocytochemistry/ Immunofluorescence 1:50-1:100, Immunohistochemistry-Paraffin 1:50-1:200

Images

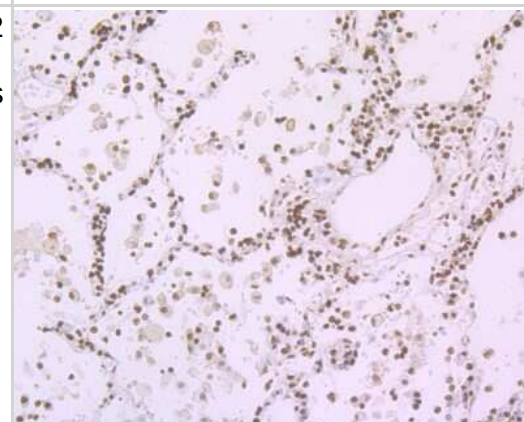
Western Blot: Histone H1.2 Antibody (JU43-48) [NBP2-75932] - analysis of Histone H1.2 on Rat liver and Mouse lung tissue lysates using anti-Histone H1.2 antibody at 1/500 dilution.



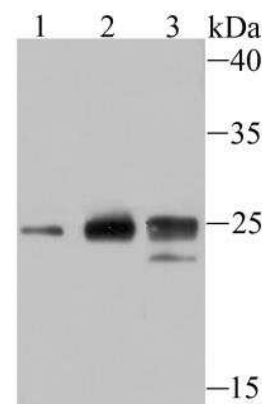
Immunocytochemistry/Immunofluorescence: Histone H1.2 Antibody (JU43-48) [NBP2-75932] - staining Histone H1.2 in SK-Br-3 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



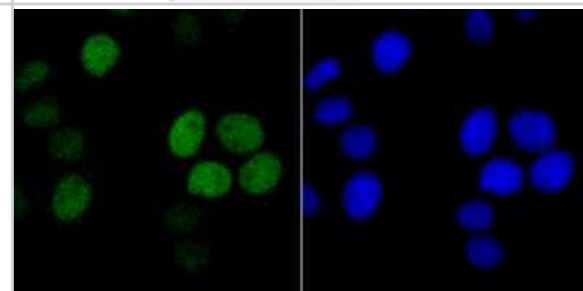
Immunohistochemistry-Paraffin: Histone H1.2 Antibody (JU43-48) [NBP2-75932] - Immunohistochemical analysis of paraffin-embedded human lung carcinoma tissue using anti-Histone H1.2 antibody. The section was pre-treated using heat mediated antigen retrieval with Tris-EDTA buffer (pH 8.0-8.4) for 20 minutes. The tissues were blocked in 5% BSA for 30 minutes at room temperature, washed with ddH₂O and PBS, and then probed with the primary antibody (1/50) for 30 minutes at room temperature. The detection was performed using an HRP conjugated compact polymer system. DAB was used as the chromogen. Tissues were counterstained with hematoxylin and mounted with DPX.



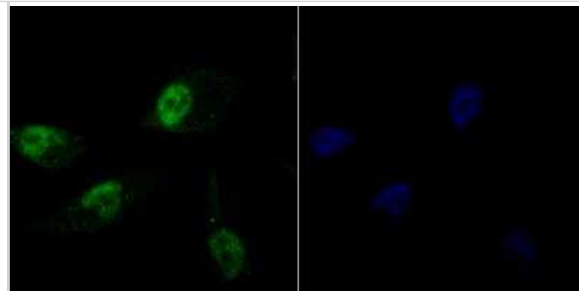
Western Blot: Histone H1.2 Antibody (JU43-48) [NBP2-75932] - analysis of Histone H1.2 on different cell lysates using anti-Histone H1.2 antibody at 1/500 dilution. Positive control: Lane 1: Hela Lane 2: 293 Lane 3: MCF-7



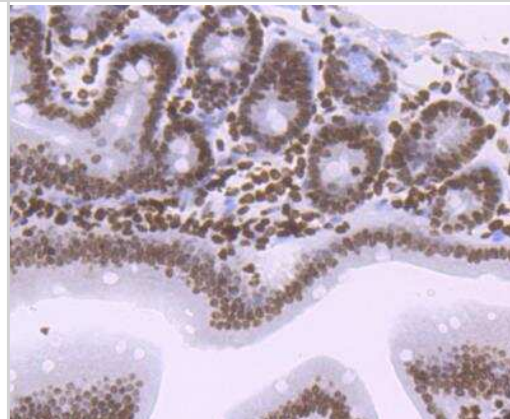
Immunocytochemistry/Immunofluorescence: Histone H1.2 Antibody (JU43-48) [NBP2-75932] - staining Histone H1.2 in Hela cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



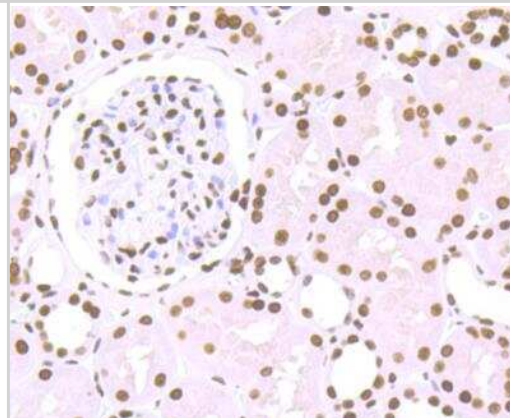
Immunocytochemistry/Immunofluorescence: Histone H1.2 Antibody (JU43-48) [NBP2-75932] - staining Histone H1.2 in PC-3M cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



Immunohistochemistry-Paraffin: Histone H1.2 Antibody (JU43-48) [NBP2-75932] - analysis of paraffin-embedded mouse colon tissue using anti-Histone H1.2 antibody. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH6) for 20 mins. Counter stained with hematoxylin.



Immunohistochemistry-Paraffin: Histone H1.2 Antibody (JU43-48) [NBP2-75932] - analysis of paraffin-embedded human kidney tissue using anti-Histone H1.2 antibody. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH6) for 20 mins. Counter stained with hematoxylin.



Immunohistochemistry-Paraffin: Histone H1.2 Antibody (JU43-48) [NBP2-75932] - analysis of paraffin-embedded mouse colon tissue using anti-Histone H1.2 antibody. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH6) for 20 mins. Counter stained with hematoxylin.



Publications

Wenliang Pan, Maria G Tsokos, Marc Scherlinger, Wei Li, George C Tsokos The PP2A regulatory subunit PPP2R2A controls NAD + biosynthesis to regulate T cell subset differentiation in systemic autoimmunity. Cell reports 2024-06-17 [PMID: 38889006]



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Products Related to NBP2-75932

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBP2-49202PEP	Histone H1.2 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.

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