Histone H4 Rabbit mAb

Catalog No: #49154

Package Size: #49154-1 50ul #49154-2 100ul

Signalway Antibody
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Support: tech@signalwayantibody.com

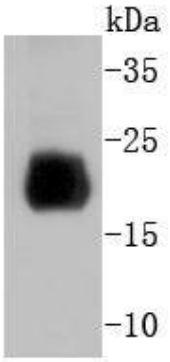
Description

Product Name	Histone H4 Rabbit mAb
Host Species	Recombinant Rabbit
Clonality	Monoclonal
Clone No.	SD209-04
Purification	ProA affinity purified
Applications	WB, ICC/IF, IHC
Species Reactivity	Hu, Ms, Rt
Immunogen Description	recombinant protein
Conjugates	Unconjugated
Other Names	dJ160A22.1 antibody dJ160A22.2 antibody dJ221C16.1 antibody dJ221C16.9 antibody FO108 antibody H4 antibody H4.k antibody H4/a antibody H4/b antibody H4/c antibody H4/d antibody H4/e antibody H4/g antibody H4/h antibody H4/I antibody H4/j antibody H4/k antibody H4/m antibody H4/n antibody H4/p antibody H4_HUMAN antibody H4F2 antibody H4F2iii antibody H4F2iv antibody H4FA antibody H4FB antibody H4FC antibody H4FD antibody H4FE antibody H4FG antibody H4FH antibody H4FI antibody H4FJ antibody H4FK antibody H4FM antibody H4FN antibody H4M antibody HIST1H4A antibody HIST1H4B antibody HIST1H4C antibody HIST1H4D antibody HIST1H4E antibody HIST1H4F antibody HIST1H4H antibody HIST1H4I antibody HIST1H4J antibody HIST1H4K antibody HIST1H4L antibody HIST2H4 antibody HIST2H4A antibody Hist4h4 antibody Histone 1 H4a antibody Histone 1 H4b antibody Histone 1 H4c antibody Histone 1 H4d antibody Histone 1 H4e antibody Histone 1 H4f antibody Histone 1 H4h antibody Histone 1 H4i antibody Histone 1 H4j antibody Histone 1 H4k antibody Histone 1 H4l antibody Histone 2 H4a antibody histone 4 H4 antibody Histone H4 antibody MGC24116 antibody
Accession No.	Swiss-Prot#:P62805
Calculated MW	20 kDa
Formulation	1*TBS (pH7.4), 1%BSA, 40%Glycerol. Preservative: 0.05% Sodium Azide.
Storage	Store at -20°C

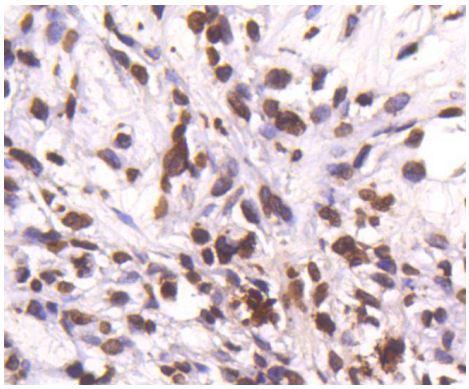
Application Details

WB: 1:1,000-5,000IHC: 1:50-1:200ICC: 1:50-1:200

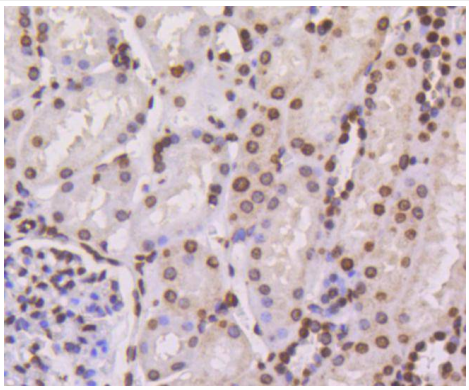
Images



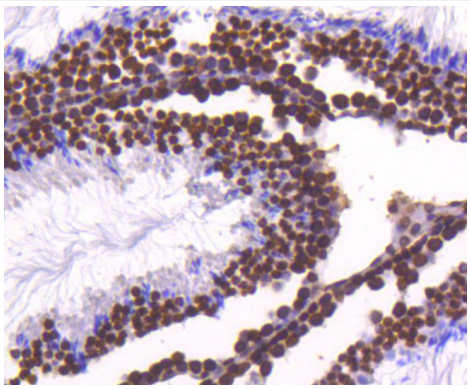
Western blot analysis of Histone H4 on mouse spleen lysates using anti-Histone H4 antibody at 1/5,000 dilution.



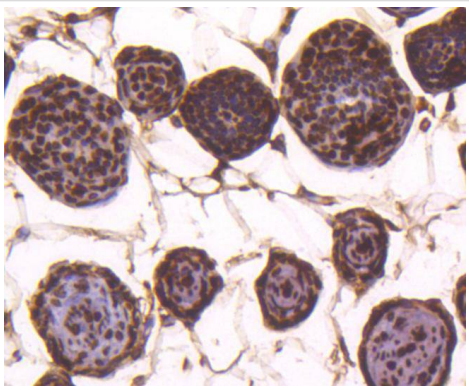
Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using anti-Histone H4 antibody. Counter stained with hematoxylin.



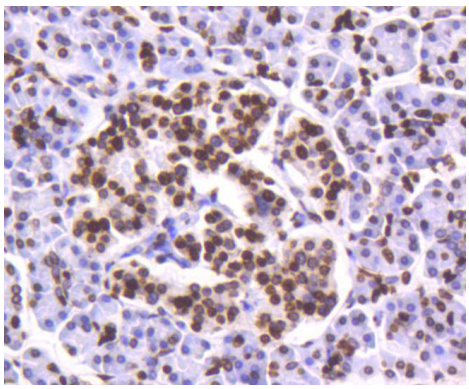
Immunohistochemical analysis of paraffin-embedded human kidney tissue using anti-Histone H4 antibody. Counter stained with hematoxylin.



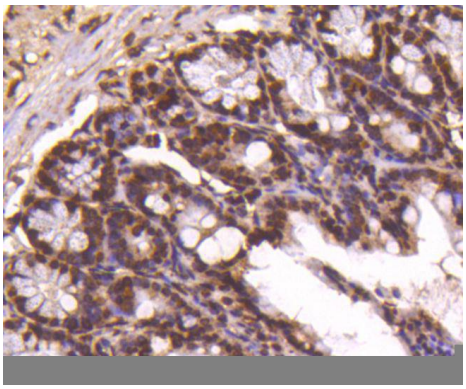
Immunohistochemical analysis of paraffin-embedded mouse testis tissue using anti-Histone H4 antibody. Counter stained with hematoxylin.



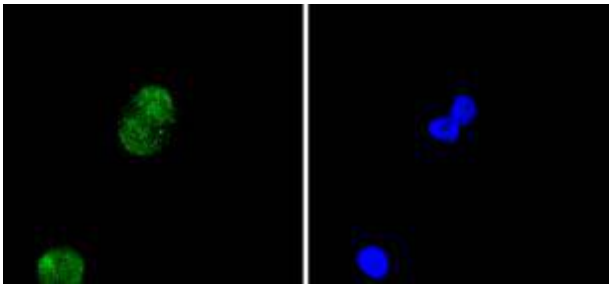
Immunohistochemical analysis of paraffin-embedded mouse skin tissue using anti-Histone H4 antibody. Counter stained with hematoxylin.



Immunohistochemical analysis of paraffin-embedded human pancreas tissue using anti-Histone H4 antibody. Counter stained with hematoxylin.



Immunohistochemical analysis of paraffin-embedded mouse colon tissue using anti-Histone H4 antibody. Counter stained with hematoxylin.



ICC staining Histone H4 in PANC-1 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.

Background

Eukaryotic histones are basic and water soluble nuclear proteins that form hetero-octameric nucleosome particles by wrapping 146 base pairs of DNA in a left-handed super-helical turn sequentially to form chromosomal fiber. Two molecules of each of the four core histones (H2A, H2B, H3, and H4) form the octamer; formed of two H2A-H2B dimers and two H3-H4 dimers, forming two nearly symmetrical halves by tertiary structure. Over 80% of nucleosomes contain the linker Histone H1, derived from an intronless gene, that interacts with linker DNA between nucleosomes and mediates compaction into higher order chromatin. Histones are subject to posttranslational modification by enzymes primarily on their N-terminal tails, but also in their globular domains. Such modifications include methylation, citrullination, acetylation, phosphorylation, sumoylation, ubiquitination and ADP-ribosylation.

References

Note: This product is for in vitro research use only and is not intended for use in humans or animals.