

Rabbit Histone H4 Monoclonal Antibody | anti-HIST2H4B antibody

Histone H4 Antibody

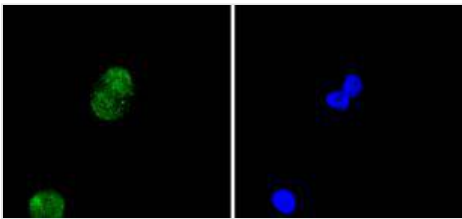
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA30201	Rabbit	Human, Mouse, Rat	Western Blot, Immunocytochemistry, Immunofluorescence, Immunohistochemistry

PRODUCT SYNONYMS

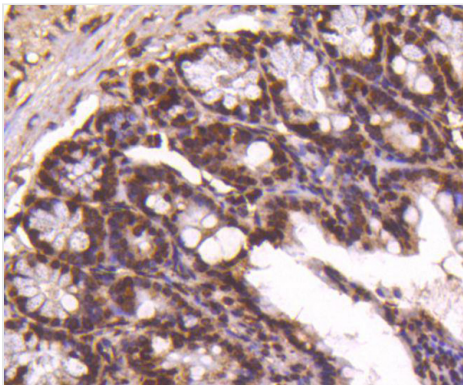
Histone H4; Monoclonal Antibody; Histone H4 Antibody; dJ160A22.1 antibody; dJ160A22.2 antibody; dJ221C16.1 antibody; dJ221C16.9 antibody; FO108 antibody; H4 antibody; H4.k antibody; H4/a antibody; H4/b antibody; H4/c antibody; H4/d antibody; H4/e antibody; H4/g antibody; H4/h antibody; H4/l antibody; 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; anti-HIST2H4B antibody

PRODUCT SPECIFICATIONS

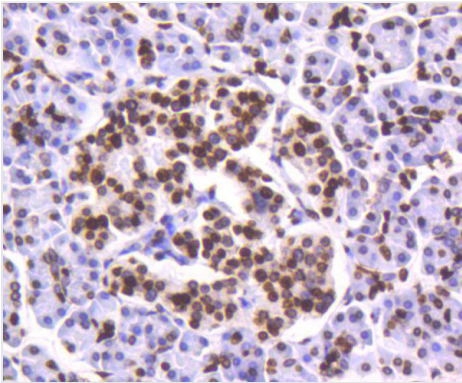
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Monoclonal
Clone Number	SD209-04
Purity/Purification	ProA affinity purified
Form/Format	1*TBS (pH7.4), 1% BSA, 40% Glycerol. Preservative: 0.05% Sodium Azide.
Applicable Applications for anti-HIST2H4B antibody	WB (Western Blot), ICC (Immunocytochemistry), IF (Immunofluorescence), IHC (Immunohistochemistry)
Application Notes	WB: 1:1000-5000 IHC: 1:50-1:200 ICC: 1:50-1:200
Antibody Type	Recombinant Antibody
Immunogen	Recombinant protein
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C.



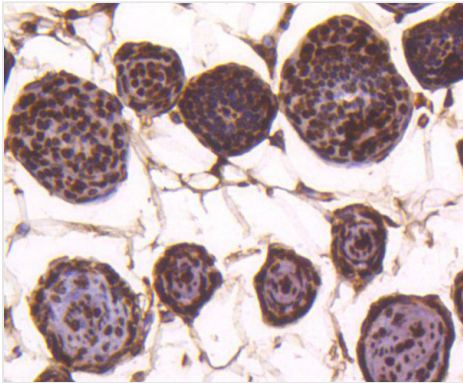
ICC (Immunocytochemistry)
ICC staining Histone H4 in PANC-1 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



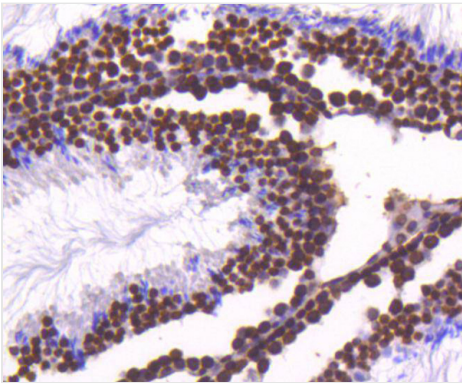
IHC (Immunohistochemistry)
Immunohistochemical analysis of paraffin-embedded mouse colon tissue using anti-Histone H4 antibody. Counter stained with hematoxylin.



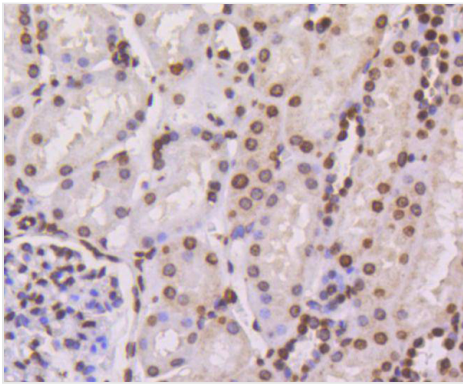
IHC (Immunohistochemistry)
Immunohistochemical analysis of paraffin-embedded human pancreas tissue using anti-Histone H4 antibody. Counter stained with hematoxylin.



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



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



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

ADDITIONAL INFORMATION

Related Product Information for anti-HIST2H4B antibody

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.

NCBI AND UNIPROT INFORMATION

NCBI GI #	77539758
NCBI GeneID	554313
NCBI Accession #	NP_001029249.1
NCBI GenBank Nucleotide #	NM_001034077.4
UniProt Accession #	P62805; P02304; P02305; Q6DRA9; Q6FGB8; Q6NWP7; A2VCL0
Molecular Weight	11,367 Da
NCBI Official Full Name	histone H4
NCBI Official Synonym Full Names	histone cluster 2, H4b
NCBI Official Symbol	HIST2H4B
NCBI Official Synonym Symbols	H4/o
NCBI Protein Information	histone H4; histone 2, H4b
UniProt Protein Name	Histone H4
UniProt Gene Name	HIST1H4A
UniProt Synonym Gene Names	H4/A; H4FA
UniProt Entry Name	H4_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/histone-h4-antibody-clone-sd209-04-western-blot-immunocytochemistry-immunofluorescence-immunohistochemistry-elisa/30201>