Mouse Histone H3 Monoclonal Antibody | anti-HIST1H3A antibody

Histone H3 (di methyl K27) Monoclonal antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA276817	**Mouse**	**Human, Rat, Mouse**	**Immunohistochemistry, Western Blot**

PRODUCT SYNONYMS

Histone H3; Monoclonal Antibody; Histone H3 (di methyl K27) Monoclonal antibody; H3 histone antibody; HIST1H3A antibody; Histone cluster 1; H3a antibody; anti-HIST1H3A antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human, Rat, Mouse
Clonality	Monoclonal
Isotype	IgG1
Form/Format	PBS with 0.02% sodium azide and 50% glycerol pH7.4.
Concentration	1mg/ml (varies by lot)
Applicable Applications for anti-HIST1H3A antibody	IHC (Immunohistochemistry), WB (Western Blot)
Species	Human
Immunogen	Synthetic Peptide
Preparation and Storage	Store at -20 degree C. Avoid repeated freeze-thaw cycles.

IMAGES

IHC (Immunohistochemisry)
Immunohistochemical analysis of paraffin-embedded Human Skin using Histone H3(di methyl K27)(EM1101)Mouse mAb diluted at 1:500.

Application Data
1. Input: Hela Cell Lysate 2. IP product: IP dilute 1:200 Western blot analysis: primary antibody : EM1101 1:2,000 Secondary antibody: Goat anti-Mouse IgG(H+L) (S001) 1:10,000

WB (Western Blot)
Western blot analysis of Hela withHistone H3 (di methyl K27) (1E10) Mouse MAb diluted at 1) 1:1,000 2) 1:3,000

ADDITIONAL INFORMATION

Related Product Information for anti-HIST1H3A antibody	Histone H3 is one of the five main histone proteins involved in the structure of chromatin in eukaryotic cells. Core component of nucleosome. Nucleosomes wrap and compact DNA into chromatin, limiting DNA accessibility to the cellular machineries which require DNA as a template. Histones thereby play a central role in transcription regulation, DNA repair, DNA replication and chromosomal stability.

Product Categories/Family for anti-HIST1H3A antibody	Nucleus; Chromosome

NCBI AND UNIPROT INFORMATION

NCBI GI #	4504281
NCBI GeneID	8350
NCBI Accession #	NP_003520.1
NCBI GenBank Nucleotide #	NM_003529.2
UniProt Accession #	P68431; P02295; P02296; P16106; Q6ISV8; Q6NWP8; Q6NWP9; Q6NXU4; Q71DJ3; Q93081; A0PJT7; A5PLR1
Molecular Weight	15,404 Da
NCBI Official Full Name	histone H3.1
NCBI Official Synonym Full Names	histone cluster 1, H3a
NCBI Official Symbol	HIST1H3A
NCBI Official Synonym Symbols	H3/A; H3FA
NCBI Protein Information	histone H3.1; histone H3/a; histone 1, H3a; H3 histone family, member A
UniProt Protein Name	Histone H3.1
UniProt Gene Name	**HIST1H3A**
UniProt Synonym Gene Names	H3FA
UniProt Entry Name	H31_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-h3-antibody-immunohistochemistry-western-blot-elisa/276817