Mouse Histone H3 Monoclonal Antibody | anti-HIST1H3A antibody

Histone H3(mono-methyl-K9) Mouse Monoclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA300705	**Mouse**	**Human, Rat, Mouse**	**Western Blot**

PRODUCT SYNONYMS

Histone H3; Monoclonal Antibody; Histone H3(mono-methyl-K9) Mouse Monoclonal Antibody; anti-HIST1H3A antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human, Rat, Mouse
Clonality	Monoclonal
Specificity	The Histone H3(Di-methyl-K9) antibody can detects endogenous Histone H3(Di-methyl-K9) protein.
Purity/Purification	Affinity purification using immunogen.
Form/Format	Mouse IgG1 in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	136
Applicable Applications for anti-HIST1H3A antibody	WB (Western Blot)
Immunogen Type	peptide
Immunogen Description	A synthetic Mono-methylated peptide corresponding to residues surrounding K9 of human histone H3.
Modification	mono-methyl-K9
Target Name	Histone H3(mono-methyl-K9)
Preparation and Storage	Store at -20 degree C

IMAGES

WB (Western Blot)
Western blot analysis of Hela, using diluted at 1) 1:2,000 2) 1:5,000

WB (Western Blot)
Western blot analysis of 1) Rat Testis Tissue, 2) Raw264.7, using diluted at 1:1000.

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	Methyl-specific Ab

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
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-western-blot-elisa/300705