Histone H2A Recombinant Antibody | H2A recombinant antibody

Histone H2A Rabbit mAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA315200	**Rabbit**	**Human, Mouse, Rat**	**Immunofluorescence, Immunocytochemistry, Immunohistochemistry, Western Blot**

PRODUCT SYNONYMS

Histone H2A; Monoclonal Recombinant Antibody; Histone H2A Rabbit mAb; H2A.1; H2A.2; H2A/a; H2A/m; H2A/q; H2A1B; H2AFA; H2AFE; H2AFL; H2AFM; H2AFO; H2AFQ; HIST1H2AE; HIST1H2AJ; HIST2H2AA; HIST2H2AA3; HIST2H2AB; HIST2H2AC; H2A recombinant antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Monoclonal
Isotype	Rabbit IgG
Specificity	Histone H2A Antibody detects endogenous levels of total Histone H2A
Purity/Purification	Affinity-chromatography
Form/Format	Rabbit IgG in phosphate buffered saline, pH7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Applicable Applications for H2A recombinant antibody	IF (Immunofluorescence), ICC (Immunocytochemistry), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human Histone H2A
Preparation and Storage	Store at +4 degree C short term. Store at -20 degree C long term. Avoid freeze/thaw cycle.

IMAGES

IF (Immunofluorescence)
Immunofluorescent analysis of Hela cells, using Histone H2A Antibody.

IHC (Immunohiostchemistry)
Immunohistochemical analysis of paraffin-embedded human colon, using Histone H2A Antibody.

WB (Western Blot)
Western blot analysis of Histone H2A expression in HeLa cell lysate.

ADDITIONAL INFORMATION

Related Product Information for H2A recombinant antibody	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. DNA accessibility is regulated via a complex set of post-translational modifications of histones, also called histone code, and nucleosome remodeling.

Product Categories/Family for H2A recombinant antibody	Recombinant Rabbit Monoclonal

NCBI AND UNIPROT INFORMATION

NCBI GI #	19557656
NCBI GeneID	8335
NCBI Accession #	NP_003504.2
NCBI GenBank Nucleotide #	NM_003513.2
UniProt Accession #	P04908; P0C0S8; P20671; Q16777; Q6FI13; Q7L7L0; Q8IUE6; Q93077; Q96KK5; Q96QV6; Q99878
Molecular Weight	14
NCBI Official Full Name	histone H2A type 1-B/E
NCBI Official Synonym Full Names	histone cluster 1 H2A family member b
NCBI Official Symbol	HIST1H2AB
NCBI Official Synonym Symbols	H2A/m; H2AFM
NCBI Protein Information	histone H2A type 1-B/E
UniProt Protein Name	Histone H2A type 1-B/E
UniProt Gene Name	**HIST1H2AB**
UniProt Synonym Gene Names	H2AFM

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-h2a-recombinant-antibody-immunofluorescence-immunocytochemistry-immunohistochemistry-western-blot-elisa/315200