

Histone H2A Recombinant Antibody | HIST1H2AB recombinant antibody

Recombinant Anti-Histone H2A (Acetyl-K9) Rabbit mAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA266306	Rabbit	Human	Immunocytochemistry, Immunofluorescence, Western Blot

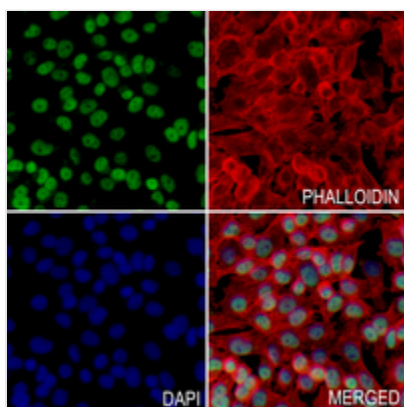
PRODUCT SYNONYMS

Histone H2A; Monoclonal Recombinant Antibody; Recombinant Anti-Histone H2A (Acetyl-K9) Rabbit mAb; H2AFM; H2AFA; Histone H2A type 1-B/E; Histone H2A.2; Histone H2A/a; Histone H2A/m; HIST1H2AB recombinant antibody

PRODUCT SPECIFICATIONS

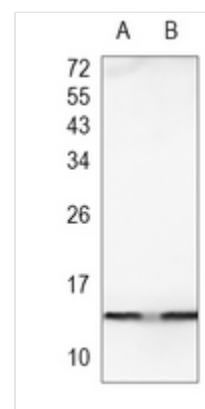
Host	Rabbit
Reactivity	Human
Clonality	Monoclonal
Specificity	Recognizes endogenous levels of Histone H2A protein only when acetylated at K9
Purity/Purification	The antibody was purified by immunogen affinity chromatography.
Form/Format	Liquid in PBS, pH7.4, containing 50% glycerol, 0.2% BSA and 0.01% sodium azide.
Applicable Applications for HIST1H2AB recombinant antibody	ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	KLH-conjugated synthetic acetylated peptide corresponding to residues surrounding K9 of human Histone H2A protein. The exact sequence is proprietary.
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C for one year. Avoid freeze/thaw cycles.

IMAGES



IF (Immunofluorescence)

Immunofluorescent analysis of Histone H2A (Acetyl-K9) staining in A375 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 degree C in a humidified chamber. Cells were washed with PBST and incubated with an AF488-conjugated secondary antibody (green) in PBS at room temperature in the dark. Phalloidin - AF594 was used to stain Actin filaments (red). DAPI was used to stain the cell nuclei (blue).



WB (Western Blot)

Western blot analysis of Histone H2A (Acetyl-K9) expression in H1762 (A), LO2 (B) whole cell lysates. (Predicted band size: 14 kD; Observed band size: 14 kD)

ADDITIONAL INFORMATION

Related Product Information for HIST1H2AB recombinant antibody	Recombinant rabbit monoclonal antibody to Histone H2A (Acetyl-K9)
Product Categories/Family for HIST1H2AB recombinant antibody	Primary Antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	19557656
NCBI GeneID	8335
NCBI Accession #	NP_003504.2
NCBI GenBank Nucleotide #	NM_003513.2
UniProt Accession #	P04908; P28001; Q76P63
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-immunocytochemistry-immunofluorescence-western-blot-elisa/266306>