

Acetyl-Histone H2B Recombinant Antibody | HIST1H2BB recombinant antibody

Acetyl-Histone H2B type 1-B (K20) Antibody

CATALOG #	REACTIVITY	APPLICATIONS
AAA235185	Human, Mouse	Flow Cytometry, Functional Assay, Immunofluorescence, Immunocytochemistry, Western Blot, ELISA

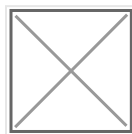
PRODUCT SYNONYMS

Acetyl-Histone H2B; Monoclonal Recombinant Antibody; Acetyl-Histone H2B type 1-B (K20) Antibody; Histone H2B type 1-B; Histone H2B.1; Histone H2B.f; H2B/f; H2BFF; HIST1H2BB recombinant antibody

PRODUCT SPECIFICATIONS

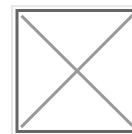
Reactivity	Human, Mouse
Clonality	Monoclonal
Isotype	IgG
Purity/Purification	Affinity-chromatography
Form/Format	Liquid
Sequence Length	126
Applicable Applications for HIST1H2BB recombinant antibody	FCM/FACS (Flow Cytometry), IF (Immunofluorescence), ICC (Immunocytochemistry), WB (Western Blot), ELISA
Immunogen	A synthesized peptide
Conjugation	Non-conjugated
Buffer	Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



Application Data

Overlay histogram showing HeLa cells stained with AAA235185 (red line) at 1:50. The cells were fixed with 70% Ethylalcohol (18h) and then permeabilized with 0.3% Triton X-100 for 2 min. The cells were then incubated in 1x PBS /10% normal goat serum to block non-specific protein-protein interactions followed by primary antibody for 1 h at 4 degree C. The secondary antibody used was FITC goat anti-rabbit IgG (H+L) at 1/200 dilution for 1 h at 4 degree C. Control antibody (green line) was used under the same conditions. Acquisition of >10, 000 events was performed.



IHC (Immunohistochemistry)

Immunofluorescence staining of HeLa cells (treated by 15mM sodium butyrate for 30min) with AAA235185 at 1:84, counter-stained with DAPI. The cells were fixed in 4% formaldehyde, permeabilized using 0.2% Triton X-100 and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4 degree C. The secondary antibody was Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG (H+L).



ICC (Immunocytochemistry)

Immunocytochemistry analysis of AAA235185 diluted at 1:100 and staining in Hela cells performed on a Leica BondTM system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4 degree C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.



WB (Western Blot)

Western BlotPositive WB detected in: Hela whole cell lysate treated by 15mM sodium butyrate for 30minAll lanes: Acetyl-Histone H2B type 1-B (K20)antibody at 0.135ug/mlSecondaryGoat polyclonal to rabbit IgG at 1/50000 dilutionPredicted band size: 15 KDaObserved band size: 15 KDa

ADDITIONAL INFORMATION

Product Categories/Family for
HIST1H2BB recombinant antibody

Epigenetics and Nuclear Signaling

NCBI AND UNIPROT INFORMATION

NCBI GI #	10800140
NCBI GeneID	3018
NCBI Accession #	NP_066406.1
NCBI GenBank Nucleotide #	NM_021062.2
UniProt Accession #	P33778; Q4KN36
Molecular Weight	13,950 Da
NCBI Official Full Name	histone H2B type 1-B
NCBI Official Synonym Full Names	histone cluster 1 H2B family member b
NCBI Official Symbol	HIST1H2BB
NCBI Official Synonym Symbols	H2B.1; H2B/f; H2BFF
NCBI Protein Information	histone H2B type 1-B
UniProt Protein Name	Histone H2B type 1-B
UniProt Gene Name	HIST1H2BB
UniProt Synonym Gene Names	H2BFF; H2B/f

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/acetyl-histone-h2b-recombinant-antibody-flow-cytometry-immunofluorescence-immunocytochemistry-western-blot-elisa/235185>