

Histone H2BK5ac (acetyl Lys5) antibody

Cat. No. GTX128963

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Applications	WB, ICC/IF, Dot
Reactivity	Human

References (1)
Package

100 µl, 25 µl

Applications

Application Note

*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
WB	1:500-1:3000
ICC/IF	1:100-1:1000
Dot	Assay dependent

Not tested in other applications.

Properties

Form	Liquid
Buffer	PBS, 1% BSA, 20% Glycerol
Preservative	0.01% Thimerosal
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
Concentration	1 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Carrier-protein conjugated synthetic peptide surrounding acetyl Lys5 of human Histone H2B. The exact sequence is proprietary.
Purification	Purified by antigen-affinity chromatography.
Conjugation	Unconjugated

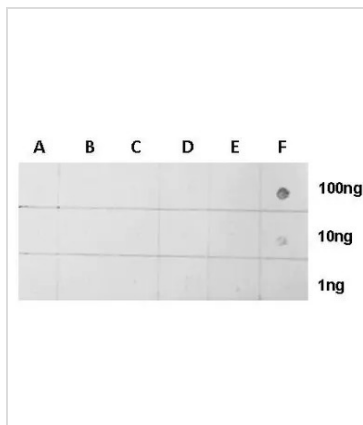
Note

For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.

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DATA IMAGES

GTx128963 Dot Image

Dotblot analysis of anti-Histone H2BK5ac (acetyl Lys5) antibody with peptide samples.

Varied amount of peptide samples were spotted onto positively charged nylon membrane and blotted with Histone H2BK5ac (acetyl Lys5) antibody (GTx128963) 1:5000 dilution.

A: Peptide samples of H2A.2K5 un

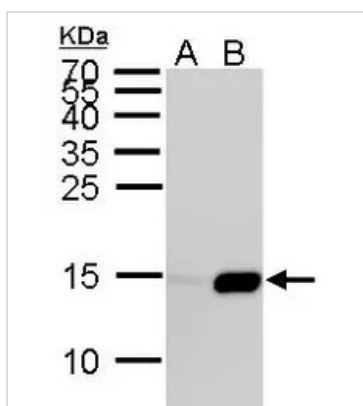
B: Peptide samples of H2A.2K5ac

C: Peptide samples of H2BK20 un

D: Peptide samples of H2BK20ac

E: Peptide samples of H2BK5 un

F: Peptide samples of H2BK5ac


GTx128963 WB Image

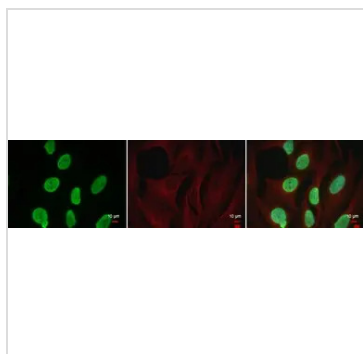
Histone H2BK5ac (acetyl Lys5) antibody detects Histone H2BK5ac (acetyl Lys5) protein by Western blot analysis.

A. 30 µg HeLa whole cell lysate/extract (0.012% DMSO treatment for 18 hr)

B. 30 µg HeLa whole cell lysate/extract (0.4 µM Trichostatin A treatment for 18 hr)

15 % SDS-PAGE

Histone H2BK5ac (acetyl Lys5) antibody (GTx128963) dilution: 1:1000


GTx128963 ICC/IF Image

Histone H2BK5ac (acetyl Lys5) antibody detects Histone H2BK5ac (acetyl Lys5) protein at nucleus by immunofluorescent analysis.

Sample: 0.4M TSA-treated for 18hr HeLa cells were fixed in 4% paraformaldehyde at RT for 15 min.

Green: Histone H2BK5ac (acetyl Lys5) protein stained by Histone H2BK5ac (acetyl Lys5) antibody (GTx128963) diluted at 1:500.

Red: alpha Tubulin antibody [GT114], a cytoskeleton marker, stained by GTx628802 diluted at 1:500.

Blue: Hoechst 33342 staining.



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