

Histone H2A.Z (acetyl Lys4/Lys7/Lys11) antibody - ChIP grade

Cat. No. GTX60813

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Application	WB, ICC/IF, Dot, ELISA, ChIP assay, ChIP-seq
Reactivity	Human, Mouse

Reference (1)

Package

50 µg

APPLICATION

Application Note

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

Suggested dilution	Recommended dilution
WB	Assay dependent
ICC/IF	Assay dependent
Dot	Assay dependent
ELISA	Assay dependent
ChIP assay	Assay dependent
ChIP-seq	Assay dependent

Not tested in other applications.

PROPERTIES

Form	Liquid
Buffer	PBS
Preservative	0.05% Sodium azide, 0.05% ProClin 300
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	1.09 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	The region of histone H2A.Z containing the acetylated lysines 4, 7 and 11, using a KLH-conjugated synthetic peptide.
Purification	Purified by affinity chromatography
Conjugation	Unconjugated



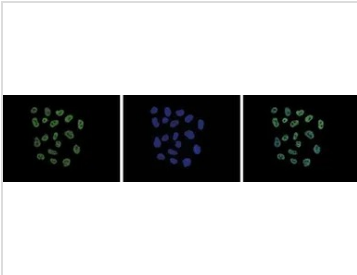
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Note

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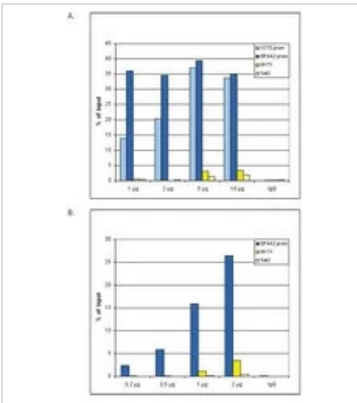
DATA IMAGES

GTx60813 ICC/IF Image

ICC/IF analysis of 4% paraformaldehyde fixed HeLa cells using GTx60813 Histone H2A.Z (acetyl Lys4/Lys7/Lys11) antibody - ChIP grade.

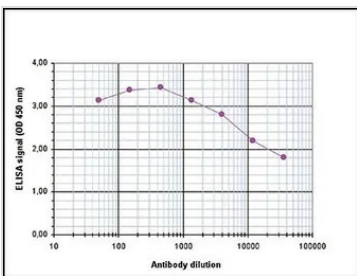
Green : Primary antibody

Blue : DAPI

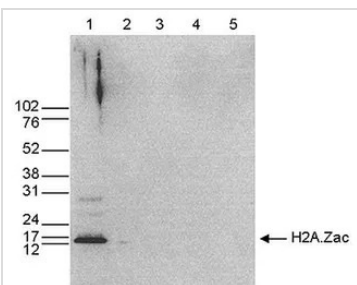
Dilution : 1:500


GTx60813 ChIP assay Image

ChIP analysis of sheared chromatin from 10^6 HeLa cells using GTx60813 Histone H2A.Z (acetyl Lys4/Lys7/Lys11) antibody - ChIP grade. A titration of the antibody consisting of 0.2, 0.5, 1 and 2 µg per ChIP experiment was analysed. IgG (1 µg/IP) was used as negative IP control. Quantitative PCR was performed with primers specific for the promoter of the active genes CCT5 and EIF4A2, used as positive controls, and for the coding region of the inactive MYT1 gene and the Sat2 satellite repeat, used as negative controls. This figure shows the recovery, expressed as a % of input (the relative amount of immunoprecipitated DNA compared to input DNA after qPCR analysis).


GTx60813 ELISA Image

ELISA analysis of peptide containing the histone modifications of interest using GTx60813 Histone H2A.Z (acetyl Lys4/Lys7/Lys11) antibody - ChIP grade.


GTx60813 WB Image

WB analysis of whole cell extracts (25 µg, lane 1) from HeLa cells, and on 1 µg of recombinant histone H2A, H2B, H3 and H4 (lane 2, 3, 4 and 5, respectively) using GTx60813 Histone H2A.Z (acetyl Lys4/Lys7/Lys11) antibody - ChIP grade.

Dilution : 1:1,000



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