

Histone H2B antibody - ChIP grade

Cat. No. GTX60346

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

Package
50 µg

APPLICATION

Application Note

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

Suggested dilution	Recommended dilution
WB	1:2,000 - 1/10,000
ICC/IF	1:1,000
ELISA	1:1,000 - 1/5,000
ChIP assay	1-5 µg

Not tested in other applications.

PROPERTIES

Form	Liquid
Buffer	PBS
Preservative	0.05% Sodium azide
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	2.8 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	KLH-conjugated synthetic peptide containing an unmodified sequence from the C-terminal part of the protein.
Purification	Purified by antigen-affinity chromatography
Conjugation	Unconjugated

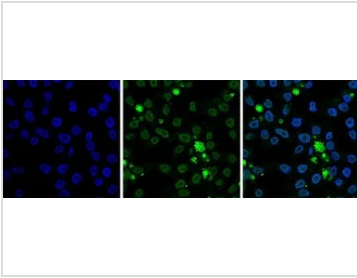
Note

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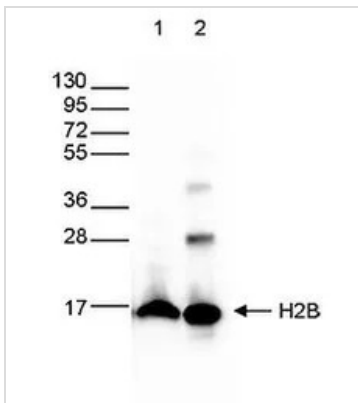
DATA IMAGES

GTx60346 ICC/IF Image

ICC/IF analysis of 4% paraformaldehyde fixed HeLa cells using GTX60346 Histone H2B antibody - ChIP grade.

Green : Primary antibody

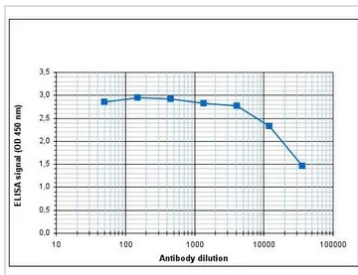
Blue : DAPI

Dilution : 1:1000

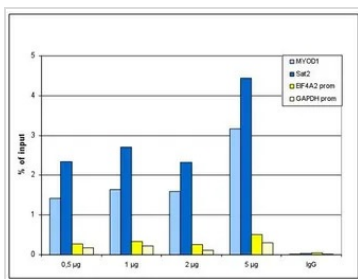

GTx60346 WB Image

WB analysis of whole cell extracts from HeLa cells (40 µg, lane 1) and on 1 µg of recombinant histone H2B (lane 2) using GTX60346 Histone H2B antibody - ChIP grade.

Dilution : 1:10,000


GTx60346 ELISA Image

ELISA analysis of peptides used for immunization using GTX60346 Histone H2B antibody - ChIP grade.


GTx60346 ChIP assay Image

ChIP analysis of sheared chromatin from 10^6 HeLa cells using GTX60346 Histone H2B antibody - ChIP grade. A titration of the antibody consisting of 0.5, 1, 2 and 5 µg per ChIP experiment was analysed. IgG (2 µg/IP) was used as negative IP control. QPCR was performed with primers for the promoters of the active GAPDH and EIF4A2 genes, used as negative controls and for the inactive MYOD1 gene and the Sat2 satellite repeat, used as positive controls. This figure shows the recovery, expressed as a % of input (the relative amount of immunoprecipitated DNA compared to input DNA after qPCR analysis).



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