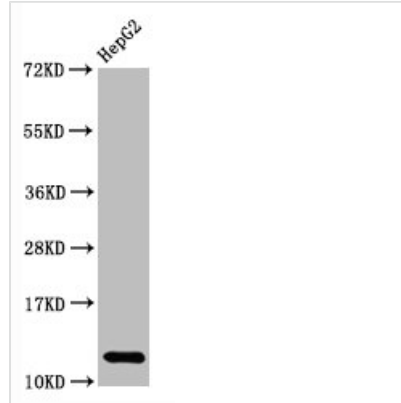




Histone H2A type 1-B/E Recombinant Monoclonal Antibody

Product Code	CSB-RA010385A0HU
Abbreviation	Histone H2A type 1-B/E
Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
Uniprot No.	P04908
Immunogen	A synthesized peptide
Species Reactivity	Human
Tested Applications	ELISA, WB, IF; Recommended dilution: WB:1:500-1:5000, IF:1:30-1:200
Relevance	Core component of nucleosome. Nucleosomes wrap and compact DNA into chromatin, limiting DNA accessibility to the cellular machineries which require DNA as a template. Histones thereby play a central role in transcription regulation, DNA repair, DNA replication and chromosomal stability. DNA accessibility is regulated via a complex set of post-translational modifications of histones, also called histone code, and nucleosome remodeling.
Form	Liquid
Conjugate	Non-conjugated
Storage Buffer	Rabbit IgG in 10mM phosphate buffered saline , pH 7.4, 150mM sodium chloride, 0.05% BSA, 0.02% sodium azide and 50% glycerol.
Purification Method	Affinity-chromatography
Isotype	Rabbit IgG
Clonality	Monoclonal
Alias	Histone H2A type 1-B/E, Histone H2A.2, Histone H2A/a, Histone H2A/m, HIST1H2AB, H2AFM, AND, HIST1H2AE, H2AFA
Immunogen Species	Homo sapiens (Human)
Research Area	Epigenetics and Nuclear Signaling
Target Names	HIST1H2AB
Clone No.	1H12
Image	



Western Blot

Positive WB detected in HepG2 whole cell lysate

All lanes Histone H2A type 1-B/E antibody at

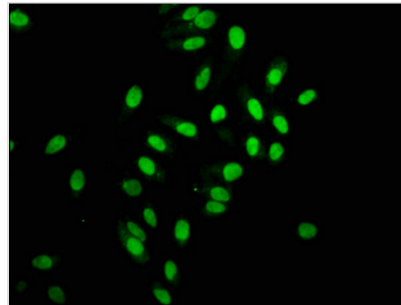
2.7 μ g/ml

Secondary

Goat polyclonal to rabbit IgG at 1/50000 dilution

Predicted band size: 13 KDa

Observed band size: 13 KDa



Immunofluorescence staining of HeLa cells with

CSB-RA010385A0HU at 1:168, 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 $^{\circ}$ C. The secondary antibody was

Alexa Fluor 488-conjugated AffiniPure Goat

Anti-Rabbit IgG (H+L).

Usage

For Research Use Only. Not for use in diagnostic or therapeutic procedures.