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Datasheet for ABIN7139164

anti-Histone H1.5 antibody (acLys16)

2 Images

Overview

Quantity:	100 µL
Target:	Histone H1.5 (HIST1H1B)
Binding Specificity:	acLys16
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Application:	ELISA, Immunofluorescence (IF), Chromatin Immunoprecipitation (ChIP)

Product Details

Immunogen:	Peptide sequence around site of Acetyl-Lys (16) derived from Human Histone H1.5
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	Antigen Affinity Purified

Target Details

Target:	Histone H1.5 (HIST1H1B)
Alternative Name:	HIST1H1B (HIST1H1B Products)
Background:	Background: Histone H1 protein binds to linker DNA between nucleosomes forming the macromolecular structure known as the chromatin fiber. Histones H1 are necessary for the condensation of nucleosome chains into higher-order structured fibers. Acts also as a regulator of individual gene transcription through chromatin remodeling, nucleosome spacing and DNA

Target Details

methylation (By similarity).

Aliases: H1 antibody, H1 histone family member 5 antibody, H1.5 antibody, H15 HUMAN antibody, H15_HUMAN antibody, H1B antibody, H1F5 antibody, H1s 3 antibody, Hist1h1b antibody, Histone 1 H1b antibody, Histone cluster 1 H1b antibody, Histone H1.5 antibody, Histone H1a antibody, Histone H1b antibody, Histone H1s 3 antibody, MGC126630 antibody, MGC126632 antibody

UniProt: [P16401](#)

Application Details

Application Notes: Recommended dilution: IF:1:50-1:200,

Restrictions: For Research Use only

Handling

Format: Liquid

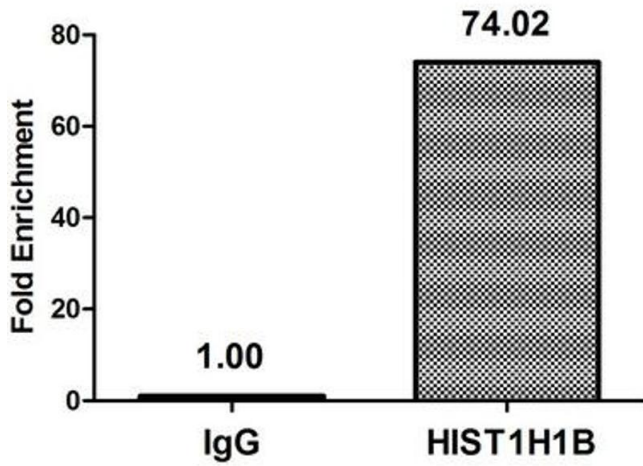
Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

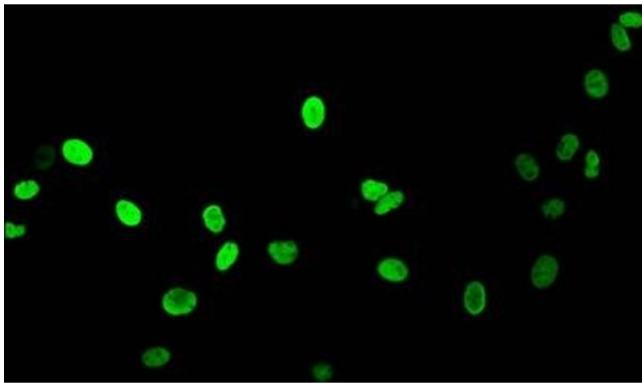
Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



Immunohistochemistry

Image 1. Chromatin Immunoprecipitation HeLa (4×10^6 , treated with 30 mM sodium butyrate for 4h) were treated with Micrococcal Nuclease, sonicated, and immunoprecipitated with 8 μ g anti-HIST1H1B (ABIN7139164) or a control normal rabbit IgG. The resulting CHIP DNA was quantified using real-time PCR with primers against the β -Globin promoter.



Immunofluorescence

Image 2. Immunofluorescent analysis of HepG2 cells (sodium butyrate, 30 mM, 4h) using ABIN7139164 at dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)