

Datasheet for ABIN1449237  
**anti-Histone H1 antibody**

## 3 Images

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## Overview

Quantity:	0.1 mg
Target:	Histone H1 (H1F0)
Reactivity:	Human, Mouse
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This Histone H1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Immunoprecipitation (IP)

## Product Details

Immunogen:	Protein fraction extracted from the mitotic chromosome
Clone:	C14093
Isotype:	IgG2b
Specificity:	This antibody reacts with Histone H1.
Cross-Reactivity (Details):	Species reactivity (tested): Human, Mouse, Rat
Purification:	Protein A agarose

## Target Details

Target:	Histone H1 (H1F0)
Alternative Name:	Histone H1.0 ( <a href="#">H1F0 Products</a> )
Background:	The nucleosome is made up of four core histone proteins (H2A, H2B, H3 and H4) and is the

## Target Details

primary building block of chromatin. The N-terminal tail of core histones undergoes multiple different post-translational modifications including acetylation, phosphorylation, ubiquitination, methylation, and ADP-ribosylation. Histone H1, also known as linker histone, is bound to linker DNA region between nucleosomes, contributing to chromatin foldings in nucleus. It is known that histone H1 is also post-translationally modified, such as phosphorylation or methylation and relation of these modifications with biological meanings are under extensive investigations. Histone H1 is essential for higher order structure of mitotic chromosomes that are condensed structure of chromatin during mitosis. Synonyms: H1F0, H1FV, Histone H1', Histone H1(0)

Molecular Weight: 32 kDa

Gene ID: 3005

NCBI Accession: [NP\\_005309](#)

UniProt: [P07305](#)

## Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

## Handling

Concentration: 1.0 mg/mL

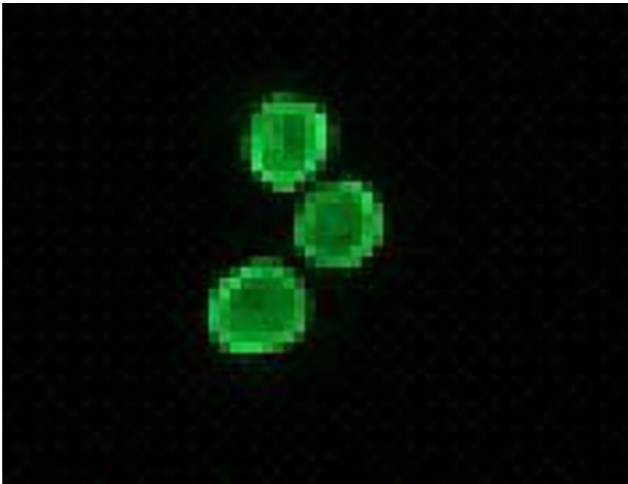
Buffer: PBS containing 50 % glycerol, pH 7.2. No preservative is contained.

Preservative: Without preservative

Handling Advice: Avoid repeated freezing and thawing.

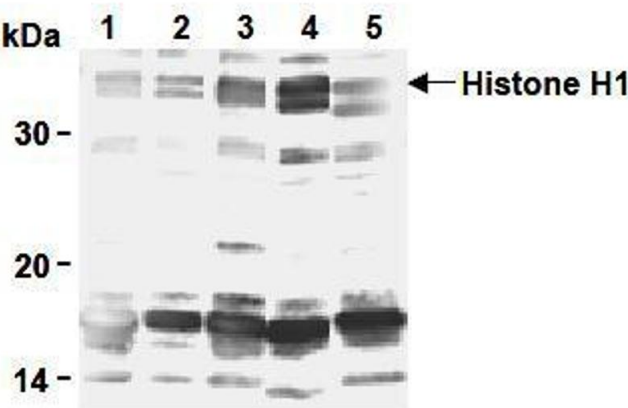
Storage: -20 °C

Storage Comment: Upon receipt, store (in aliquots) at -20 °C.



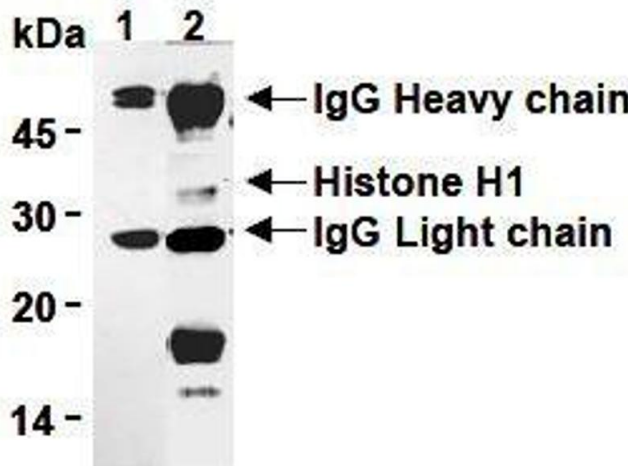
Immunofluorescence

Image 1.



Western Blotting

Image 2.



Western Blotting

Image 3.