

**Anti-Histone H1.2 Monoclonal Antibody**  
**Catalog # ABO14633****Specification**

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**Anti-Histone H1.2 Monoclonal Antibody - Product Information**

Application	WB, IHC, IF, ICC
Primary Accession	<a href="#">P16403</a>
Host	Rabbit
Isotype	Rabbit IgG
Reactivity	Rat, Human, Mouse
Clonality	Monoclonal
Format	Liquid

**Description**

Anti-Histone H1.2 Monoclonal Antibody . Tested in WB, IHC, ICC/IF applications. This antibody reacts with Human, Mouse, Rat.

**Anti-Histone H1.2 Monoclonal Antibody - Additional Information**

**Gene ID** 3006

**Other Names**

Histone H1.2, Histone H1c, Histone H1d, Histone H1s-1, H1-2 ([http://www.genenames.org/cgi-bin/gene\\_symbol\\_report?hgnc\\_id=4716](http://www.genenames.org/cgi-bin/gene_symbol_report?hgnc_id=4716))  
HGNC:4716

**Application Details**

WB 1:500-1:2000<br>IHC 1:50-1:200<br>ICC/IF 1:50-1:200

**Contents**

Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.

**Immunogen**

A synthesized peptide derived from human Histone H1.2

**Purification**

Affinity-chromatography

**Storage**

**Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.**

**Anti-Histone H1.2 Monoclonal Antibody - Protein Information**

**Name** H1-2 ([HGNC:4716](#))

**Function**

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. Also acts as a regulator of individual gene transcription through chromatin remodeling, nucleosome spacing and DNA methylation (By similarity).

#### Cellular Location

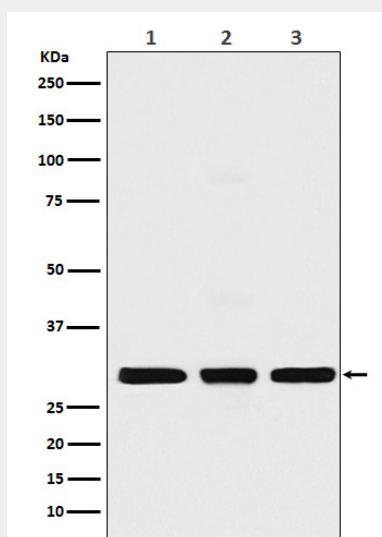
Nucleus. Chromosome. Note=Mainly localizes in euchromatin. Distribution goes in parallel with DNA concentration

### Anti-Histone H1.2 Monoclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

### Anti-Histone H1.2 Monoclonal Antibody - Images



Western blot analysis of Histone H1.2 expression in (1) MCF7 cell lysate (2) NIH/3T3 cell lysate; (3) C6 cell lysate.