

# HIST1H1C mouse monoclonal antibody (hybridoma)

Catalog # H00003006-M

Size Up to 5 Clones

## Specification

<b>Product Description</b>	Mouse monoclonal antibody raised against a full-length recombinant HIST1H1C.
<b>Immunogen</b>	HIST1H1C (NP_005310.1, 1 a.a. ~ 213 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
<b>Sequence</b>	MSETAPAAPAAAPPAEKAPVKKKAACKAGGTTPRKASGPPVSELITKAVAASKERSGVSLAALKK ALAAAGYDVEKNNSRIKLGLKSLVSKGTLVQTKGTGASGSFKLNKKAASGEAKPKVKKAGGTP KKPVGAACKPKKAAGGATPKKSAKKTTPKKAKKPAAATVTKKVAKSPKKAKVAKPKKAACKSAK AVKPKAAKPKVVKPKKAAPKKK
<b>Host</b>	Mouse
<b>Reactivity</b>	Human
<b>Interspecies Antigen Sequence</b>	Mouse (94)
<b>Quality Control Testing</b>	Antibody reactivity and specificity confirmed by ELISA and Western Blot.
<b>Deliverables</b>	Up to 5 positive hybridoma clones will be delivered to customer in the cryotube format.
<b>Note</b>	Customer should check the viability of the hybridomas within one month from the date of receipt. Fee -for-service of long term hybridoma storage can be performed upon customer's request.

## Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

## Gene Info — HIST1H1C

Entrez GeneID [3006](#)

GeneBank Accession# [NM\\_005319.3](#)

Protein Accession# [NP\\_005310.1](#)

Gene Name HIST1H1C

Gene Alias H1.2, H1F2, MGC3992

Gene Description histone cluster 1, H1c

Omim ID [142710](#)

Gene Ontology [Hyperlink](#)

**Gene Summary**

Histones are basic nuclear proteins responsible for nucleosome structure of the chromosomal fiber in eukaryotes. Two molecules of each of the four core histones (H2A, H2B, H3, and H4) form a nucleosome octamer, around which approximately 146 bp of DNA is wrapped in repeating units, called nucleosomes. The linker histone, H1, interacts with linker DNA between nucleosomes and functions in the compaction of chromatin into higher order structures. This gene is intronless and encodes a member of the histone H1 family. Transcripts from this gene lack polyA tails but instead contain a palindromic termination element. This gene is found in the large histone gene cluster on chromosome 6. [provided by RefSeq]

**Other Designations** H1 histone family, member 2|OTTHUMP00000017749|histone 1, H1c|histone H1d

## Disease

- [Abortion](#)
- [Genetic Predisposition to Disease](#)
- [Parkinson disease](#)