

**Product Name: Histone H3 (Zebrafish Specific) (2C4)**  
**Mouse Monoclonal Antibody**  
**Catalog #: AMM03599**



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## Summary

<b>Production Name</b>	Histone H3 (Zebrafish Specific) (2C4) Mouse Monoclonal Antibody
<b>Description</b>	Primary antibody
<b>Host</b>	Mouse
<b>Application</b>	WB
<b>Reactivity</b>	Human,Mouse,Rat,Zebrafish

## Performance

<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG1
<b>Clonality</b>	Monoclonal Antibody
<b>Form</b>	Liquid
<b>Storage</b>	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
<b>Buffer</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3.
<b>Purification</b>	Affinity Purified

## Immunogen

<b>Gene Name</b>	H3C1
<b>Alternative Names</b>	H3 histone; family 3A; H3 histone; family 3B (H3.3B); H3.3A; H3.3B; H33; H3F3; H3F3A; H3F3B; Histone H3.3
<b>Gene ID</b>	8350
<b>SwissProt ID</b>	P68431

## Application

<b>Dilution Ratio</b>	WB: 1/500-1/1000
<b>Molecular Weight</b>	Calculated MW: 15 kDa; Observed MW: 15 kDa

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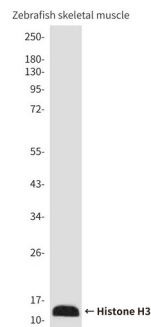
## Background

H3 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.

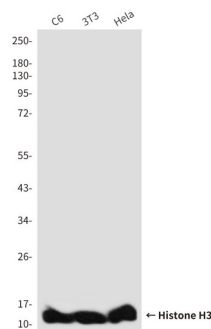
## Research Area

Epigenetics and Nuclear Signaling

## Image Data



Western blot analysis of Histone H3 (Zebrafish Specific) in Zebrafish skeletal muscle lysates using Histone H3 (Zebrafish Specific) (2C4) antibody



Western blot analysis of Histone H3 (Zebrafish Specific) (2C4) in C6, 3T3, HeLa lysates using Histone H3 (Zebrafish Specific) (2C4) antibody.

## Note

For research use only.