

# Histone H3 Monoclonal Antibody

Catalog Number:E-AB-22070



**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

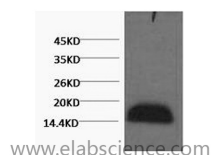
## Description

|                     |  |
|---------------------|--|
| <b>Reactivity</b>   | Zebrafish  |
| <b>Immunogen</b>    | Synthetic Peptide                                    |
| <b>Host</b>         | Mouse  |
| <b>Isotype</b>      | IgG  |
| <b>Clone</b>        | Clone:3C5  |
| <b>Purification</b> | Protein A purification                               |
| <b>Formulation</b>  | PBS with 0.02% sodium azide and 50% glycerol pH 7.4. |

## Applications Recommended Dilution

|           |             |
|-----------|-------------|
| <b>WB</b> | 1:1000-3000 |
|-----------|-------------|

## Data



Western Blot analysis of Zebrafish skeletal muscle  
using Histone H3 Monoclonal Antibody at dilution of  
1:2000.

**Observed Mw:15kDa**  
**Calculated Mw:15kDa**

## Preparation & Storage

**Storage** Store at -20°C. Avoid freeze / thaw cycles.

## Background

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. DNA accessibility is regulated via a complex set of post-translational modifications of histones, also called histone code, and nucleosome remodeling.

## For Research Use Only

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