

Histone H3 Monoclonal Antibody

Catalog Number:E-AB-22070



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

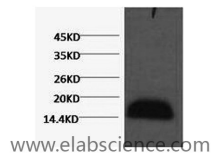
Description

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

Applications Recommended Dilution

| | |
|-----------|-------------|
| WB | 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

A Reliable Research Partner in Life Science and Medicine

Toll-free: 1-888-852-8623

Web: www.elabscience.com

Tel: 1-832-243-6086

Email: techsupport@elabscience.com

Fax: 1-832-243-6017