Histone H3 Monoclonal Antibody

catalog number: **E-AB-22070**

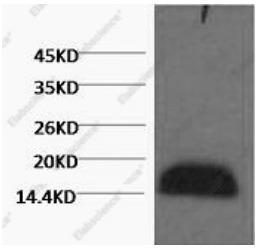
Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

Reactivity	Zebrafish
Immunogen	Synthetic Peptide
Host	Mouse
Isotype	Mouse IgG
Clone	3C5
Purification	Protein A affinity purification
Conjugation	Unconjugated
Buffer	Phosphate buffered solution, pH 7.4, containing 0.05% stabilizer, 0.5% protein protectant and 50% glycerol.

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:15 kDa

Calculated-MW:15 kDa

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze/thaw cycles.
Shipping	The product is shipped with ice pack,upon receipt,store it immediately at the temperature recommended.

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.

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