

Histone H3 Mouse Monoclonal Antibody

Catalog No: #38062

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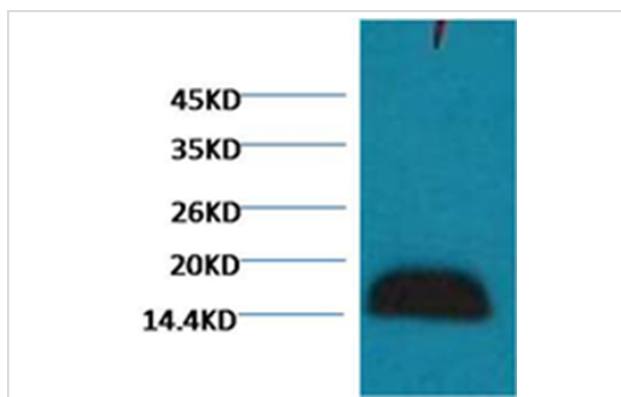
Description

Product Name	Histone H3 Mouse Monoclonal Antibody
Host Species	Mouse
Clonality	Monoclonal
Purification	Affinity purification using immunogen.
Applications	WB
Species Reactivity	Zebrafish
Specificity	The Histone H3 antibody can detects Zebrafish endogenous Histone H3 protein.
Target Name	Histone H3
Other Names	H3 histone antibody; HIST1H3A antibody; Histone cluster 1; H3a antibody
Accession No.	Swiss-Prot#:P68431
SDS-PAGE MW	17kd
Concentration	1.0mg/ml
Formulation	Mouse IgG1 in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C

Application Details

Western blotting: 1:1000~1:3000

Images



Western blot analysis of Zebrafish skeletal muscle, using #38062 diluted at 1:2,000.

Background

Histone H3 is one of the five main histone proteins involved in the structure of chromatin in eukaryotic cells. 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.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.